TRI-ED

Connectivity • Security • Solutions

2014 2015 IP PRODUCT CATALOG

THE INTEGRATOR'S CHOICE

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IP-EZ PROGRAMMING SERVICE

a true plug-n-play solution to simplify the installation process:

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- Shipped directly to you, ready-to-go!
- Labor-savings & cost-effective!

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North America's Largest Independent Security Distributor

www.tri-ed.com/IPEZ

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Dear Valued Customer:

On behalf of the entire TRI-ED team, I am pleased to present you with our 2014 - 2015 IP Product Catalog. Dedicated solely to all things IP, this catalog showcases our ever expanding line of IP Video products from the industry's leading IP manufacturers.

Network-based security is evolving and changing rapidly, resulting in new technologies, new applications, and new opportunities for dealers and integrators. Keeping up with these changes can be daunting. As your distribution partner, TRI-ED works every day to keep you on the cutting edge of technology and trends.

We are pleased to facilitate trainings at each of our branch locations as well as host our technology roadshows across the country. We are committed to keeping you, our valued customer, educated, informed and in pace with emerging technologies. We seek out industry leading products and solutions and offer a growing list of value-added services and support that includes:

- **Technology Support Center** - design services, bid spec take offs, trouble shooting, lead generation
- **Network and IP Video Training Classes** - conducted all year long with CEU/BICSI Certifications
- **Technology Road Shows** - conducted throughout the year with ESA/CEU/BICSI Certifications
- **Operational Lab** - to help make the transition and interoperability of IP based systems seamless and transparent to the end user
- **IP-EZ Programming Service** - we can pre-program your cameras for you to facilitate easier installations and eliminate costly programming issues. Why program your cameras when we can do it for you?
- **Factory Certified/Trained personnel** - on all major software and IP camera lines
- **Microsoft and Cisco Certified personnel** - to assist in design and sales
- **Vendor Relations Group** - facilitates special pricing, product registration, technical expertise on individual IP product lines
- **Online convenience** - ordering and links to product specification sheets
- **Great Expectations Loyalty Program** - the industry's richest rewards program

Our ongoing goal is that we continue to bring you the highest level of customer service and the most comprehensive line of product offerings and solutions. We will never waver in our commitment to "Exceed Expectations, One Customer at a Time." On behalf of everyone at TRI-ED, North America's largest independent security distributor, I thank you for the opportunity to serve you.

Sincerely,

Pat Comunale
President and Chief Executive Officer

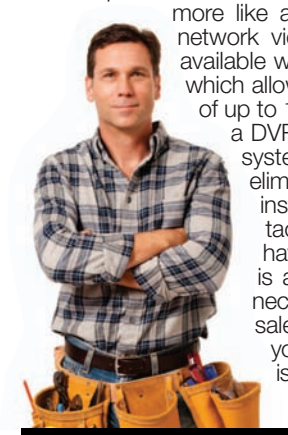
IP Video Tips:

IP video continues to grow in popularity with dealers and end users. End user demand is being driven by the desire for higher resolution video. While one of the bigger objections security dealers have had is the high cost, it is a barrier that has been coming down due to the release of cost effective offerings from numerous manufacturers.

ALL-IN-ONE SYSTEMS

Tip No. 1 - Start small

If you are hesitant to get into offering IP video to your customers, consider starting with some small systems. Some of the newer IP based video products have been designed to install more like analog systems. Some network video recorders are now available with a built-in PoE switch which allows for direct attachment of up to 16 IP cameras, similar to a DVR. In most cases, these systems are designed to eliminate the need for the installer to address the attached cameras. So, while having IP Addressing skills is advantageous, it's not a necessity. Ask your TRI-ED sales professional to help you select the product that is right for your application.



NETWORK SWITCHES

Switching is a key component in all IP solutions. If you are unfamiliar with these products, here are some key points to keep in mind when you are selecting your switches.

Tip No. 2 – Choose your switch last

Selecting a switch that serves your purpose in a cost effective manner requires a solid understanding of all the projects requirements. Where will the switch be located? What bit rates do the devices generate? Which devices will be powered by the switch? What are the PoE classifications of those devices? How many total network devices? Without answering these questions first, a poor decision could be made.

Tip No. 3 – Know your environment

Switches perform best when kept within the temperature range for which they were designed. A typical IT style switch is designed to be placed in a wiring closet with environmental controls. Some of your jobs will require you to place a switch in a far less desirable location, like an unconditioned warehouse, an attic or perhaps in a NEMA box on a pole in a parking lot. In these instances, industrial switches will provide the ruggedness and extended operating temperature range required.

Tip No. 4 – Calculate your throughput

Once you've selected your IP cameras you will need to calculate the throughput necessary to support the traffic. For best results use the device manufacturer's calculator to determine the bit rate. The bit rate is calculated after entering variables including the resolution, frame rate, compression codec, and scene complexity. The minimum throughput required of the switch will be the combined bit rates of all attached devices.

Tip No. 5 – Calculate your PoE requirement

Every PoE device's power requirement should be found on the data sheet and rated in watts or by PoE Class. Use the chart below to determine the watts required. Class 0 devices should be calculated as requiring 15.4 watts. To eliminate shortfalls, calculate the requirement using the upper end of the range. Better to have a little too much PoE budget than not enough.

802.3af – Up to 15.4 watts per port
Class 0 – Classification not implemented
Class 1 – 0.44 – 3.84 watts
Class 2 – 3.84 – 6.49 watts
Class 3 – 6.49 – 15.4 watts

802.3at (PoE+) – Up to 30 watts per port
Class 4 – 12.95 – 30 watts
Note: If a device requires more than 30 watts to be delivered over the network cable it will use a specialized PoE injector.

Tip No. 6 – Leave yourself some room

Every connected device will require a port for attachment. Whenever possible, leave yourself some open ports for future additions. The same goes for your PoE budget - having some additional capacity allows for easier and less expensive modifications or additions to the system down the line.

Tip No. 7 - Fast Ethernet vs. Gigabit

A good rule of thumb is to avoid exceeding 50% of the switch's total throughput. A Fast Ethernet switch has a rated throughput of 100 Megabits per second (Mbps) while a Gigabit Switch is rated at 1 Gigabit or 1000 Mbps. By limiting the load to 50% of the switch's capacity there will be more than enough processing power for it to function efficiently. Some Fast Ethernet switches have optional Gigabit ports that create a higher throughput outbound path for data collected on the standard ports. Where Gigabit ports like this exist,you will be able to pass significantly more than 50Mbps of data using those ports.

Tip No. 8 – Gigabit switches are preferred

Whenever possible we suggest using Gigabit switches. They have a more robust internal pro-

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cessor that can handle data more efficiently than those used in a Fast Ethernet switch. As higher megapixel cameras are used in greater numbers, high speed processing of large amounts of data becomes more critical to providing optimal video system performance. Again, it is best to consider what the future may bring to your system.

Tip No. 9 – Unmanaged vs. Smart and Managed

Smart and managed switches allow you to get the most from your IP video network. Unmanaged switches may be fine for small systems but when camera counts exceed single digits, smart switches are a smart choice. Smart and managed switches add a wide array of additional features that add value to the completed video network.

Some commonly used Smart Switch features are:

- Real Time Power Statistics – Power usage is detailed by port.
- PoE Power Management – The ability to limit or deny power by port, power cycle devices, prioritize devices in case of power shortfall, and schedule power to individual ports.
- VLAN Support – Set up the network to securely segment groups of devices.
- Cable Diagnostics – The ability to test attached network cables for opens, shorts, identify the location of faults and verify cable length.
- Loop Detection – Identifies and shuts down loops in the network path.
- Notifications – Alerts can be sent to system administrators including when a link goes down or comes up, PoE power is inter rupted, or a short occurs.
- Optional Ports: Most smart switches have optional ports to support linking to other network devices. These ports may be Gigabit twisted pair connections, SFP ports that support small form pluggable (SFP) modules or 10 Gigabit connections. SFP modules vary in type and may be used to create either Fast Ethernet or Gigabit connections that utilize unshielded twisted pair or fiber cabling.

When you use these tips as guidelines you will be able to select a switch that is suitable for its purpose. Of course your TRI-ED sales professional is always ready to help you through the process if necessary.

IP VIDEO IMAGING

Tip No. 10 - Getting Your Shot with IP Video Cameras

IP Video cameras come in a variety of resolutions that allow you to get the image required. The increased pixel density of the images can allow us to capture video with far greater clarity than conventional analog cameras. It is important to understand that how we utilize those pixels will ultimately dictate whether or not we are successful.

Digitally zooming on an analog image can cause it to appear poor or pixilated. We can experience the same condition with a megapixel image if we do not have enough pixels in the image to support our objective. If you take a wide shot of a large parking lot with a 1.3MP camera you may find that the image becomes pixilated upon digital zoom,much like an analog one. We can assure we get good results by verifying that we have a minimum number of pixels per foot in our image. The following values can be used as a guideline to help you find your minimum standard of quality for the IP video images. The components used in video products vary, as do personal preferences. As you become more comfortable with this concept you may find that you want more or less pixels in your images.

Observation – Low Detail (General overview) <40 pixels/ft
Surveillance – Medium Detail (Capture general features of people or objects) 40-60 pixels/ft
Identification – High Detail (License Plate Recognition and visual Facial Recognition) >60 pixels/ft

To achieve the proper number of pixels in your image you need to know the width of the area to be covered in feet. Then divide the horizontal pixels available by the number of feet to be covered.

1280x720 = 0.9MP or 720p
1280x1024 = 1.3MP
1600x1200 = 2MP
1920x1080 = 2.1MP or 1080p
2048x1536 = 3MP
2592x1944 = 5MP
(Horizontal x Vertical pixels)

Example: License Plate Capture for a driveway that is 20 feet wide. 20 feet x 60 pixels per foot = 1200. Use a 720p (1280x720) or 1.3MP (1280x1024) camera at the minimum.

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Contact us today to learn more about the IP-EZ Programming Service

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Contents

Vendor	Website	Tech Support #	Page #
Aiphone	www.aiphone.com	800.692.0200	Pg 7
Alarm.com	www.alarm.com	877.389.4033	Pg 8 - 9
Altronix	www.altronix.com	718.567.8181	Pg 10
Bolide	www.bolideco.com	800.355.0895	Pg 11
Bosch	www.boschsecurity.us	800.289.0096 x4	Pg 12
Brickcom	www.brickcom.com	800.248.4060	Pg 13 - 14
Canon	www.usa.canon.com	888.277.4540	Pg 15 - 16
CNB	www.cnbtec.com	82.2.2109.1400	Pg 17
comCables	www.comcables.com	866.302.3301	Pg 18 - 21
Comnet	www.comnet.net	203.796.5300	Pg 22
Computar/Ganz	www.computarganz.com	631.864.9700	Pg 23 - 24
Digital Watchdog	www.dwcc.tv	866.446.3595	Pg 25
Ditek	www.ditekcorp.com	888.472.6100	Pg 26
DSC	www.dsc.com	800.387.3630	Pg 27
Exacq Technologies	www.exacq.com	317.845.5710	Pg 28 - 29
Geovison	www.usavisionsys.com	949.583.1519	Pg 30
HID	www.hidglobal.com	866.607.7339	Pg 31
Hikvision	www.hikvision.com/En/US	866.200.6690	Pg 32 - 33
Interlogix	www.interlogix.com	855.286.8889	Pg 34 - 37
IQinVision	www.iqeye.com	949.369.8100 x3	Pg 38 - 39
Kantech	www.kantech.com	888.222.1560	Pg 40
KBC Networks	www.kbcnetworks.com	949.297.4930	Pg 41
Keri Systems	www.kerisys.com	800.260.5265	Pg 42
Keyscan	www.keyscan.ca	888.539.7226	Pg 43
KT & C	www.ktncusa.com	888.767.2288	Pg 44
LILIN	www.meritlilin.com	626.930.1000	Pg 45
Logenex	www.logenex.com	888.790.5900	Pg 46
Louroe	www.louroe.com	800.927.6498	Pg 47
Macurco	www.aerionics.info	512.524.3414	Pg 48 - 49
Messoa	www.messoa.com	909.590.5955	Pg 50
Mier	www.mierproducts.com	800.473.0213	Pg 51 - 56
Milestone	www.milestonesys.com/support	use web address	Pg 57
Minuteman	www.minutemanups.com	800.238.7272	Pg 58 - 59
Mobotix	www.mobotix.com	212.385.6126	Pg 60 - 61
Muxlab	www.muxlab.com	877.689.5228	Pg 62 - 63
NVT	www.nvt.com	650.462.8100	Pg 64
OnSSI	www.onssi.com	845.732.7979	Pg 65
OpenEye	www.openeye.net	888.542.1103	Pg 66
Optex	www.optexamerica.com	909.993.5770	Pg 67
Panasonic	www.panasonic.com/business/security	800.528.6747	Pg 68 - 74
Pelco	www.pelco.com	800.289.9100	Pg 75
ProMounts	www.promounts.com	310.645.6400	Pg 76
Samsung	www.samsung-security.com	877.213.1222	Pg 77 - 82
Seneca	www.senecadata.com	800.227.3432	Pg 83 - 84
Sony	www.sony.com/security	800.883.6817	Pg 85 - 87
Speco	www.specotech.com	800.645.5516	Pg 88 - 90
Sperry West	www.sperrywest.com	855.573.0170	Pg 91
Sure-Action	www.sureaction.com	631.728.3986	Pg 92
TOA	www.toacanada.com	800.733.7088	Pg 93
Trendnet	www.trendnet.com	866.845.3673	Pg 94
Veracity	www.veracityglobal.com	800.679.1590	Pg 95
Vigitron	www.vigitron.com	858.484.5209	Pg 96
Vitek	www.vitekcctv.com	661.294.8043	Pg 97
Vivotek	www.vivotek.com	408.773.8686 x2	Pg 98
Winland	www.winland.com	800.635.4269	Pg 99

BACK COVER Corporate Office & Branch Locations
INSIDE BACK COVER Line Card

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INTERCOMS

IS Series IP Video Intercom

AIPHONE®

AIP-ISSIPMDV - IP Direct box set includes ISIPMV, ISIPDV
AIP-ISSIPMDF - IP Direct box set includes ISIPMV, ISIPDVF
AIP-ISSIPSWDV - IP Direct box set includes ISSOFT, ISIPDV
AIP-ISSIPSWDF - IP Direct box set includes ISSOFT, ISIPDVF
AIP-ISIPDV - IP addressable door station, aluminum die cast vandal-resistant, surface mount. Connects directly to LAN/WAN
AIP-ISIPDVF - IP addressable door station, stainless steel, flush mount. Connects directly to LAN/WAN
AIP-ISIPMV - IP addressable master station. Connects directly to LAN/WAN
AIP-ISSOFT - PC master station software

- Box sets include either an IP direct master station or PC master station
- Easy to expand by adding box sets or connect to IS Series hardwired system
- Door stations and IP master station use PoE or can be powered using PS-2420UL (sold separately)

INTERCOMS

IS Series Video Intercom with IP Control Unit

AIPHONE®

AIP-ISDV - Door station, aluminum die cast vandal-resistant, surface mount
AIP-ISDVF - Door station, stainless steel, flush mount
AIP-ISMV - Video master station with PTZ control
AIP-ISCCU - Central control unit, connects 4 doors, 4 masters
AIP-ISSCU - Adds 8 doors,8 masters to ISCCU. Max 2 per ISCCU
AIP-ISRCU - Adds 30 sub stations to ISCCU. Max 4 per ISCCU
AIP-ISIPC - Connects ISCCU to network, telephone line out
AIP-ISPUUL - Power supply, 48V DC, 2A
AIP-ISRS - Handset sub/room station
AIP-ISSS - Hands-free room/door station

- Unlock door remotely from anywhere on the network
- Communicate easily between stations
- Program daily bulletins and bell schedules on or offsite-Ideal for schools
- Broadcast emergency announcements, forward failed calls, transfer calls
- Perfect for schools, office buildings, factories, hospitals, and utilities

INTERCOMS

IP Video Intercom with PTZ - Box Sets

AIPHONE®

AIP-JKSIPED - Box set includes: JK-DA plastic, surface mount door station, master station, p/s, adaptor & software
AIP-JKSIPEV - Box set includes: JK-DVF zinc die cast, surface mount door station, master station, p/s, adaptor & software
AIP-JKSIPEF - Box set includes: JK-DVF stainless steel, flush mount door station, master station, p/s, adaptor & software mount

- Identify and communicate with visitors over the internet!
- Receive photo emails when a visitor is at the door
- Conveniently unlock the door from a PC
- View door station on up to 10 PCs as well as on the inside master station
- Record visitor images

INTERCOMS

IP Audio Intercom Adaptor

AIPHONE®

AIP-IPW1A - includes adaptor, power supply, and software
AIP-IFDA - Door station, plastic, surface mount
AIP-IESS - Door station, stainless steel, flush mount

- Adaptor allows any IE Series door station to remotely communicate with PCs
- Conveniently unlock door from PC
- FREE software included! Install on an unlimited amount of PCs
- Easily add IP communication to network CCTV systems

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IP - CAMERAS

Indoor Wireless Fixed IP Camera with Night Vision

ALA-V520IR

- IR camera designed to see at a distance of over 20 feet in the dark
- Mechanical IR cut filter delivers true daytime colors, even at night
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- Designed specifically to work with the Alarm.com hosted video service
- Video viewable remotely through web-enabled computers, phones and tablets

IP - CAMERAS

Indoor Wireless Fixed IP Camera

ALA-V520

- Designed specifically to work with the Alarm.com hosted video service
- Quality surveillance solution without the complexity of traditional CCTV
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- Video viewable remotely through web-enabled computers, phones and tablets
- 12V power supply and mounting stand included

IP - CAMERAS

Pan/Tilt Wireless IP Camera

ALA-V620PT

- Ability to view an entire room with 350˚ pan and 125˚ tilt
- Camera can be remotely panned/tilted through the Alarm.com mobile app
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- All wireless cameras have EZ Install with WPS button and compatibility
- Designed specifically to work with the Alarm.com hosted video service

IP - CAMERAS

Outdoor Wireless IP Camera with Night Vision

ALA-V720W

- Wireless, weather-proof, Hi-Def camera designed for outdoor surveillance
- IR cut filter allows nighttime viewing of over 40' in the dark
- Can be installed as a wireless camera or hard-wired to a local router
- Durable camera with optimal operating temperatures ranging from 4˚F-122˚F
- A power cable is required and included for all Alarm.com cameras

IP - CAMERAS

Outdoor PoE IP Camera with Night Vision

ALA-V720

- Outdoor, weather-proof camera with Power-over-Ethernet connectivity
- Specs are identical to the V720W except for PoE replacing Wireless ability
- Only a single Ethernet cable needed for both power and network connection
- Designed specifically to work with the Alarm.com hosted video service

IP - CAMERAS

Indoor Fixed Dome IP Camera

ALA-V820

- Alarm.com's new vandal-proof IP camera for durable surveillance indoors
- Designed for both residential and commercial settings
- Hi-Def 720P live viewing and recorded resolution up to 1280x800
- Designed specifically to work with the Alarm.com hosted video service

IP - CAMERAS

Alarm.com Image Sensor

ALA-IS100LP - Interlogix and DSC
ALA-IS100GC - 2GIG
ALA-IS200IQ - QOLSYS

- Advanced Motion Sensor with Pet Immunity
- Automatic Image Capture on Motion
- Completely Wireless and Battery Operated
- Night Vision LED Flash
- Instant Alerts with Photo via Text and Email

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Stream Video Recorder (SVR)

ALA-SVR1001 - 1 TB Hard Drive
ALA-SVR1002 - 2 TB Hard Drive

- 24/7 Continuous Local Video Recording
- Supports Up to 4 IP Cameras or Video Servers
- Over 15 & 30 Days of Recording
- Sync'd Multi-Camera Playback
- Unaffected by Internet Outages

Full line of HD cameras • Infrared night vision • Wireless with EZinstall™

fixed lens | pan tilt | dome | Outdoor Day/Night | Video Server | Stream Video Recorder

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Connect with today's

Smart HomeOwner

Image Sensor

Completely wireless motion detector with a built in camera that lets customers see what's going on immediately.

Interactive Security

Let customers ensure their homes are protected when they are away with dedicated wireless security and remote arming on command.

Energy Management

Give customers the power to adjust the lights and thermostat remotely, apply energy saving Smart Schedules, and track energy savings over time.

Video Monitoring

Customers can watch live video feeds from home or see recorded clips of any motion or activity that happens while they are away.

Home Automation

Connect lights, locks, thermostats, garage doors and security for your customers to make their homes work automatically for them.

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Alarm.com products are available at your local Tri-Ed branch.

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IP - POWER OVER ETHERNET

UL/CUL PoE Single Port Midspan Injector

ALT-NETWAY1 - Single Port PoE Injector
ALT-NETWAY1+ - Single Port PoE+ Injector

- Meets IEEE 802.3af standard
- PoE shutdown feature
- cULus Listed - ITE and Access Control

IP - POWER OVER ETHERNET

Ethernet Repeaters

ALT-NETWAYXT - POE compliant
ALT-NETWAYXTX - POE/POE+ compliant

- Interfaces with NetWay midspans or PoE switches to extend data transmission
- Extends data transmission 100m (328 ft.)
- Multiple units may be used on a single port
- Plug-and-play installation

IP - POWER OVER ETHERNET

PoE Single Port Midspan Injector

ALT-NETWAY1D

- IEEE 802.3at (30W) & IEEE 802.3af (15W) compliant or High PoE (60W).
- Power provided using all 4 pairs on structured cable
- Aux. Class 2 output rated @ 56VDC/60W.
- 115VAC or 230VAC input.

IP - POWER OVER ETHERNET

Managed Midspan PoE

ALT-NETWAY8M - 8 ports / 150W total output
ALT-NETWAY16M - 16 ports / 300W total output

- Max output of 30W per port
- IEEE 802.3af and IEEE 802.3at compliant
- LAN or laptop connection enables programming of PoE shutdown, port monitoring and Port Setup (Priority, I.D. & Enable/Disable, Power Allocation Mode - Class Restricted or Dynamic Mode) and Port Status (Port Priority, Current Draw & Status, Device I.D. & Status, PoE Shutdown Status)
- Compact 1U standard EIA 19" rack mount chassis

IP - POWER OVER ETHERNET

PoE Switch Kit

ALT-NETWAY4ESK - 4 Port Managed PoE/PoE+ Switch w/Managed Injector

- Provides a total of 84W max. up to four devices
- Remote device reset
- Monitoring & reporting via various IP protocols
- Safe & cost effective power distribution over CAT5E/6 LAN infrastructure
- Auto detection and protection of legacy non-PoE cameras/devices

IP - TRANSMISSION

Ethernet & Power over Coax

ALT-EBRIDGE1PCRTX - EoC adapters Provides PoE/PoE+

- High performance & cost-effective solution to transmit IP data & power
- Eliminates labor & costs of deploying new cable utilizing existing coax
- IEEE 802.3af (15.4W) & IEEE 802.3at (30W) compliant
- Transmits IP data and power over coax up to 1500' without repeaters

IP - TRANSMISSION

Ethernet & Power Over Coax

ALT-EBRIDGE4SK - EoC Kit Enables four IP Devices over a Single Coax

- Transmits up to four IP video/data signals over a single coax
- Upgrade from a single analog camera/device up to four IP cameras/devices
- Remote device reset
- Monitoring & reporting via various IP protocols

IP - TRANSMISSION

EoC Multi-Port Receivers Provide PoE/PoE+

ALT-EBRIDGE4PCRX - Four port managed receiver
ALT-EBRIDGE16PCRX - Sixteen port managed receiver

- High performance & cost-effective solution to transmit IP data & power over coax
- Eliminates labor & costs of deploying new cable utilizing existing coax
- IEEE 802.3af (15.4W) & IEEE 802.3at (30W) compliant

IP - TRANSMISSION

Ethernet over Coax kit

ALT-EBRIDGE1PCRMT - Kit Includes Receiver and Transceiver

- Cost-effective solution to transmit IP video/data and power over coax
- Passes power and data up to 1500 ft. (457m) 5-times Ethernet distance
- PoE IEEE 802.3af (15.4W) and PoE+ IEEE 802.3at (30W) compliant.
- Supports IP cameras, accessories and access control devices

IP - TRANSMISSION

EoC Multi-Port Receivers Provide PoE/PoE+

ALT-EBRIDGE100RMT - Kit includes Receiver and Transceiver

- Cost-effective solution to transmit data & power over coax up to 1500 ft
- PoE IEEE 802.3af (15.4W) and PoE+ IEEE 802.3at (30W) compliant
- Transmits power and data over Coax up to 1000 ft. or CAT5e up to 1600 ft.
- 100mbps (full duplex)
- Supports IP cameras, accessories and access control devices

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IP - CAMERAS (MEGAPIXEL)

iPAC® Full HD Bullet Cam with IR Vari Focal Lens

BTG-BN5035M2 - Full HD 2.0MP Bullet cam with IR & 3.3-12mm lens

- Sony Exmor™ 1/2.8" sensor, 1920x1080p @ 30fps - Multi Stream (3) H.264&Jpeg
- Day/Night with ICR & 8pc High Intensity adaptive LEDs up to 80' Infra
- 2 Way Audio, Micro SD slot, Alarm I/O, POE, Privacy Masking, BNC analog out
- Onvif Compliant, compatible with most VMS, License FREE NVMS included
- Also available in WDR, 1.3MP & 5.0 Mega Pixel

IP - CAMERAS (MEGAPIXEL)

iPac® Full HD 22x PTZ Camera

BTG-BN1009MPTZ22 - Full HD 2.0 Mega Pixel 22x optical zoom PTZ

- 1/4" Mega Pixel Sensor, 1920x1080p D/N with ICR Filter
- H.264 & Jpeg compression, Multi Streams (3)
- 2 Way Audio, Micro SD slot, 2 Alarm I/O, Privacy Masking, BNC out, IP66
- 22x Opt. Zoom, IP66, Built in Web Server, 255 presets, 6 patterns, 12 Tours
- Onvif Compliant compatible with most VMS soft., License Free NVMS included

IP - CAMERAS (MEGAPIXEL)

iPAC™ Full HD Vandal IR Vari-Focal Dome

BTG-BN5009M2 - Full HD Vandal Proof Vari focal 3.3-12mm IR Dome

- Full HD 1/2.8" Sony Exmor Sensor, 1920x1080p @ 30fps
- H.264 & Jpeg Compression Multi Streams (3)
- Day/Night, I.R. up to 80' with ICR Filter
- 2 Way Audio, Micro SD slot, Alarm I/O, POE, Privacy Masking, BNC analog out
- Onvif Compliant, FREE NVMS software, also in WDR, 1.3MP & 5.0MP

IP - CAMERAS (MEGAPIXEL)

iPAC™ Megapixel Boxed Camera

BTG-BN5002M2

- Full HD Sony Exmor 1/2.8" Sensor, 1920 x 1080p @ 30fps
- H.264 / JPEG compression Multi-Streams (3)
- Day/Night Mechanical I.R. Filter, 2 Way Audio, Built in Micro SD Card slot
- BNC output for ease of installation or monitor out. Also in 1.3MP & 5.0MP
- Onvif compliant, License Free NVMS included

IP - CAMERAS (MEGAPIXEL)

iPac® Full HD Vandal Mini IR Dome

BTG-BN5002M2M - Full HD 2.0 M.P. IR Mini dome vandal proof

- 1/2.8" Sony Exmor™ Sensor, 1920x1080 @ 30fps, H.264 & MJPEG, 3 Streams
- True D/N with ICR, IR 20' 1pc High Intensity LED
- Indoor Outdoor - Vandal Proof, Micro SD card slot, POE
- Onvif compliant, License Free NVMS software included
- Mobile Apps available for iOS and Android devices

IP - CAMERAS (MEGAPIXEL)

iCube Wifi PIR Network IR Camera

BTG-BN1008

- 1/4" Progressive Scan Sensor,1280x720p @ 30fps., H.264/MPEG4/JPEG, 3 stream
- Built in PIR, High Powered I.R. LED's, Day/Night Mechanical I.R. filter
- Wifi, Alarm I/O, 2way Audio, Micro SD Slot for local recording, Email Alert
- iOS, Android compatible. Apps available in the App Store, Google play
- All in one value solution for small businesses, retail stores, home security

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Bolide Video Encoder

BTG-BN5002 - 1ch Video Encoder with 2 way Audio and SD card

- H.264 Dual Stream Video Encoder, Max 30fps
- 2 Way Audio, Alarm I/O, Micro SD card slot, web browser server embedded
- Motion Detection, CBR/VBR
- Onvif Compliant, Lincense Free NVMS included

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Bolide Mini NVRs - 4, 8, or 16ch

BTG-BNNVRS4POE - Mini NVR 4, 8, or 16ch up to 8TB internal HDD

- High Profile H.264 Recording and Decoding @1080p, 720P, VGA, HDMI video out
- Removable HDD up to two drives.
- Easy to use software ideal for beginners. Multi NVR CMS software available.
- Live view on mobile devices IOS or Android compatible.
- Available in 4 POE, 8 POE, and 16ch. 1080p on all channels recording.

iPac™
The Ease of Plug and Play.
ONVIF
Bolide
iPac Features:
5.0 Mega Pixel | 2 Mega Pixel | WDR | Mechanical IR-Cut Filter | Onvif | Infrared| Full HD| POE | SD Card Local Recording | Two-way Audio | RS485 | Alarm In/Out |
Free 128-ch NVMS Software | Free NVR
BOLIDE TECHNOLOGY GROUP
ISO 9001:2008 Certified
iPac is fully compatible with
Available on the App Store
Google play
exacq
NUUO
www.bolideco.com

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IP - CAMERAS

Autodome 7000 HD

BOSCH Invented for life

BOS-VG57220CPT4 - 1080P/720P 20x D/N In Ceiling 50/60HZ, Tinted PoE
BOS-VG57220EPC4 - 1080P/720P 20X D/N Indoor/Outdoor pendant, Clear PoE

- High res. Full HD PTZ with 1080p 25/30 (2MP) resolution 20x zoom
- New Intelligent tracking and alarm rules engine on-board
- Enhances System flexibility with dual recording options (iSCSI, SD card)

IP - CAMERAS

IP Microbox 2000

BOSCH Invented for life

BOS-NUC20012F2 - HD 720p microdome 2.5 mm lens
BOS-NUC20002F2 - VGA microdome 2.5 mm lens

- Discreet and aesthetic network microdome
- HD 720p or VGA resolutions at 30 images per second
- MicroSD card for edge recording
- Motion and audio detection
- Cloud ready and dropbox alarm feature

IP - CAMERAS

FLEXIDOME IP Starlight 7000 VR & RD

BOSCH Invented for life

BOS-NIN733V03P - 720p60 VR 3-9mm SR-Lens, SDXC Card Slot
BOS-NIN733V03PS - 720p60 VR 3-9mm SR-LENS SDXC SMB
BOS-NIN733V03IP - 720p60 VR 3-9mm SR-LENS SDXC IVA
BOS-NIN733V03IPS - 720p60 VR 3-9mm SR-Lens SDXC IVA SMB
BOS-NIN733V10P - 720p60 VR 10-23mm SR-Lens SDXC
BOS-NIN733V10PS - 720p60 VR 10-23mm SR-Lens SDXC SMB
BOS-NIN733V10IP - 720p60 VR 10-23mm SR-Lens SDXC IVA
BOS-NIN733V10IPS - 1MP/HD 720p60 RD 1.8-3mm H.264 Audio **POE SDX**
BOS-NDN733V02P - 1MP/HD 720p60 RD 1.8-3mm H.264 AUDIO POE SDXC
BOS-NDN733V03P - 1MP/HD 720p60 RD 3.8-13mm Audio POE SDXC
BOS-NDN733V09P - 1MP/HD 720p60 RD 3.8-13mm Audio POE SDXC
BOS-NDN733V02IP - 1MP/HD 720p60 RD 9-40mm Audio POE SDXC

BOS-NDN733V03IP - 1MP/HD 720p60 RD 1.8-3mm H.264 Audio POE IVA
BOS-NDN733V03IP - 1MP/HD 720p60 RD 3.8-13mm Audio POE SDXC IVA

- Excellent low-light performance (0.017 lx in color)
- Aesthetic vandal-resistant enclosure, suitable for indoor and outdoors
- Intelligent noise reduction reduces bandwidth and storage by up to 30%
- Outstanding wide dynamic range of 84 cB (100 dB with iAE)
- Easy to install with auto zoom/focus SR lens wizard

IP - CAMERAS (MEGAPIXEL)

FLEXIDOME IP Corner 9000 MP

BOSCH Invented for life

BOS-NCN90022F1 - 1.5MP/1080p VR No grip, 2.0mm, IR 30', IP65, PoE

- Corner-mount, no-grip design for maximum safety
- 1.5 MP resolution for sharp images
- Views an entire small room, including directly beneath
- 940 nm illuminator for covert night vision to 9 m (30 ft)
- IP65 water resistance

IP - CAMERAS (MEGAPIXEL)

4000 Series Advantage Line IP Cameras

BOSCH Invented for life

BOS-NBN40012C **BOS-CNBN40012V3**
BOS-NIN40012V3 **BOS-NII40012V3** **BOS-NDN40012V3**
BOS-NDI40012V3 **BOS-NTI40012V3**

- Fixed indoor box, dome, outdoor dome and bullet styles
- 720p - 1.3MP progressive scan for sharp images of moving objects
- Regions of interest and E-PTZ
- IR versions with 50' to 82' viewing distance
- FTP, dropbox and e-mail applications

IP - TRANSMISSION

VIP X16 XF E Economical Video Encoder

BOSCH Invented for life

BOS-VIPX16XFE - 16 CH. H.264 Dual Streaming Encoder; Motion+ VCA

- U16 video input channels with Dual Streaming
- Deinterlacing at video input and progressive encoding
- Network-attached iSCSI recording
- Motion detection and privacy masking
- ONVIF conformant

RECORDING DEVICES & CONTROL EQUIPMENT

DIVAR IP 7000 1U & 2U

BOSCH Invented for life

BOS-DIP704000N - 32 to 64 ch., 1U, no HDD
BOS-DIP70422HD - 32 to 64 ch., 1U, 2x2 4TB
BOS-DIP70424HD - 32 to 64 ch., 1U, 4x2 8TB
BOS-DIP708000N - 32 to 128 ch., 2U, no HDD
BOS-DIP70828HD - 32 to 128 ch., 2U, 8x2 16TB
BOS-DIP70838HD - 32 to 128 ch., 2U, 8x3 24TB

- All-in-one IP recording and viewing appliance
- Includes 32 channels expandable to 64(1U) or 128(2U)
- ONVIF compatible
- Remote access via PC or mobile client app

IP - RECORDING DEVICES & CONTROL EQUIPMENT

DIVAR IP 2000

BOSCH Invented for life

BOS-DIP2040EZ00N - 16-ch. 4-bay JBOD 0TB
BOS-DIP2042EZ2HD - 16-ch. 4-bay JBOD 4TB 2x 2TB
BOS-DIP2042EZ4HD - 16-ch. 4-bay JBOD 8TB 4x 2TB

- Video recording solution for up to 16 channels
- Scalable storage capacity up to 8 TB
- Dynamic Transcoding technology for full access and control of your HD video material from anywhere, at any time
- Remote viewing and playback via Video Security App and Bosch Video Client (BVC)
- Instant identification of important video recordings

IP - RECORDING DEVICES & CONTROL EQUIPMENT

DIVAR IP 3000

BOSCH Invented for life

BOS-DIP30422HD - Up to 32-channel, 2TB
BOS-DIP30424HD - Up to 32-channel, 2x 2TB
BOS-DIP304000N - Up to 32-channel, 4x 2TB, w/o HD

- All-in-one IP recording and viewing appliance
- Includes 32 channels (non-expandable)
- ONVIF compatible
- Remote access via PC or mobile client app
- 0/4/8TB front-swappable storage options

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IP - CAMERAS (MEGAPIXEL)

5 Megapixel Mini Dome Camera

Brickcom

BRK-VD500AF - 5M, HD1080P, Fixed Lens, Local Storage, IP66
BRK-VD300AF - 3M, HD780P, Fxed Lens, Local Storage, IP66
BRK-VD200AF - 2M, HD720P, Fixed Lens, Local Storage, IP66

- 1/2.5' CMOS 5 Megapixel Sensor. 5M (2592x 1944) @ 10fps. HD 1080p @ 30fps
- H.264, MPEG-4 and MJPEG Triple Codec Compression
- 4mm Lens.° View Angle. Lens Adjustment Pan/Tilt/Rotation/180°
- Optional 2.8/3.6/4/6/8mm lens, up to 120° view angle
- Support micro SD/SDHC, PoE, IP66, IK10

IP - CAMERAS (MEGAPIXEL)

5 Megapixel Compact Outdoor Bullet Camera

Brickcom

BRK-OB500AFV5 - 5M, HD1080P, Fixed Lens, Local Storage, IP66
BRK-OB300AFV5 - 3M, HD780P, Fxed Lens, Local Storage, IP66
BRK-OB200AFV5 - 2M, HD720P, Fixed Lens, Local Storage, IP66

- 1/2.5' CMOS 5 Megapixel Sensor. 5M (2592x 1944) @ 10fps. HD 1080p @ 30fps.
- Removable IR-Cut Filter for Day and Night Function. Built-in IR
- Optional 2.8/3.6/4/6/8mm lens, up to 100° view angle
- Weather proof (IP66), cable manager, PoE, 12DV
- Most Cost Effective 5M High Resolution Camera

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Bullet Network Camera

Brickcom

BRK-OB300NPKIT - Motorized Lens 3 M Outdoor Bullet
BRK-WOB300NP - Wireless 3 Megapixel Outdoor Bullet

- Superior Night Vision 3 Megapixel @ 20 fps. HD 1080p @ 30fps
- Sony Exmor Sensor. WDR Enhancement.
- Motorized Lens for Easy Installation.
- MICF with Built-in IR (75 feet)
- Support DI/DO, micro SD/SDHC, 2-way audio, IP67, -°~140°F
- Wireless IEEE 802.11 a/b/g/n (optional)

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Vandal Dome Network Camera

Brickcom

BRK-VD300NPV5 - w/ Motorize Lens
BRK-VD302NPV5 - w/ Vari-focal Lens

- Superior Night Vision 3 Megapixel @ 20 fps. HD 1080p @ 30fps.
- Sony Exmor Sensor. WDR Enhancement
- Motorized Lens for Easy Installation
- MICF with Built-in IR (75 feet)
- Two-way Audio.Micro SD/SDHC Memory Card Slot for Local Storage
- PoE & DC12V
- Weather proof (IP67), vandal proof (IK10), -°140&F

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Mini Box Network Camera

Brickcom

BRK-MB300AP - 3 Megapixel Mini Box & with IR
BRK-WMB300AP - Wireless 3 Megapixel Mini Box & with IR
BRK-MB500AP - 5 Megapixel Mini Box & with IR
BRK-WMB500AP - Wireless 5 Megapixel Mini Box & with IR

- 3 Megapixel @ 20 fps. HD 1080p @ 30fps
- Removable IR-cut Filter and Built-in IR for Superior for Night Vision
- PoE/ Two-way Audio/ Built-in Mic and Speaker/ DIDO/ Privacy button
- Micro SD/SDHC Memory Card Slot for Local Storage

IP - CAMERAS (MEGAPIXEL)

5 Megapixel Panomorph Mini Dome Network Camera

Brickcom

BRK-MD500AP360 - 5 Megapixel
BRK-MD300NP360 - 3 Megapixel

- ImmerVision Enables®
- Panomorph Lens Supports
- 5M HDTV 30fps@1080p, 1/2.8" SONY Exmor Sensor, WDR Enhancement (3MP)
- Most Intelligent, Smallest, Low Profile 180°/ ° Surrounding View Camera
- Built-In Micro SD Card Slot and Microphone
- IP67, IK10, EN50155 with anti-vibration and shock

IP - CAMERAS (MEGAPIXEL)

5 Megapixel Cube Network Camera

Brickcom

BRK-CB502AP - 5 MP cube camera with PIR and white light led
BRK-WCB502AP - WiFi support 5 MP cube camera w/ PIR and white led
BRK-WCB302AP - WiFi support 3 MP cube camera w/ PIR and white led

- 5MP HDTV 30fps@1080p
- Support PIR, white LED, 2-way audio (mic and speaker build-in)
- Support DI/DO, privacy bottom, WPS bottom, micro SD/SDHC
- Support 802.11a/b/g/n Dual Band Wireless Connectivity with WPS Easy Setup

IP - CAMERAS (MEGAPIXEL)

1 Megapixel Pin Hole Camera

Brickcom

BRK-PH100AHKITA - Megapixel pin hole lens with covert video box
BRK-PH100AHKITB - w/ Vari-focal Lens

- 1MP pin hole camera, HD 720p@30fps
- Multiple lens support (up to 3), support up to 100° view angle (KitB)
- Support DI/DO, 3G USB dongle, micro SD/SDHC, 2-way audio
- 2 meters from lens to video box (extendable to 5 meters by extra cable)

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Fixed Box Camera

Brickcom

BRK-FB300NPV5 - 3 Megapixel CS mount lens fixed box camera

- Superior Night Vision 3MP, 1080P full frame rate
- CS mount, Mechanical IC cut-filter, DC-iris, WDR
- Support DI/DO, RS 485, WPS bottom, micro SD/SDHC, 2-way audio
- Varied focal length lens, outdoor enclosure, external IR LED are available

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Outdoor PTZ Camera

Brickcom

BRK-OSD200AP - 2 Megapixel 20x optical zooms outdoor speed dome

- Superior Night Vision 2MP, HD 30fps@1920x1080
- Quad stream support , f=4.7-94mm, F1.6, 20x optical zoom/ 10x digital zoom
- Mechanical IR, 2-way audio, 4DI/2DO, Micro SD/SDHC Slot
- IP66, High Power PoE (802.3at), -°~°F, WDR

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Megapixel Full Range Network Cameras

Pin Hole/ Cube/ Bullet/ Fixed Box/ Mini Box/
Mini Dome/ Fixed Dome/ Vandal Dome/ Speed Dome Series

ONVIF

a b g WiFi n

Brickcom

www.brickcom.com | Expert in Wireless IP Surveillance

Brickcom Corporation
Mail: info@brickcom.com http://www.brickcom.com

IP - CAMERAS (MEGAPIXEL)

VB-S30D PTZ Micro Dome Full HD Network Camera

CAN-8818B001

- Motorized Pan Tilt with 3.5x Optical Zoom
- Full HD (1920 x 1080) @30 fps
- 77.7° Wide Angle of View Lens
- On-Board Video Analytics
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-S31D PT Micro Dome Full HD Network Camera

CAN-8819B001

- Motorized Pan Tilt
- Full HD (1920 x 1080) @30 fps
- 95° Wide Angle of View Lens
- On-Board Video Analytics
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-S800D Fixed Micro Dome Full HD Network Camera

CAN-8820B001

- Full HD (1920 x 1080) @30 fps
- 95° Wide Angle of View Lens
- On-Board Video Analytics
- Digital & Viewer PTZ (Pan/Tilt/Zoom)
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-S900F Micro Box Full HD Network Camera

CAN-8821B001

- Full HD (1920 x 1080) @30 fps
- 96° Wide Angle of View Lens
- On-Board Video Analytics
- Digital & Viewer PTZ (Pan/Tilt/Zoom)
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-H41 PTZ Full HD Network Camera

CAN-6812B002

- 2.1 Megapixel Full HD CMOS Sensor
- Genuine Canon 20x Optical Zoom Lens
- On-board Video Analytics
- H.264/MJPEG
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-H610VE Fixed Vandal Dome Full HD Network Camera

CAN-6813B001

- 2.1 Megapixel CMOS Sensor
- Vandal Resistant Dome with IP66 Rating
- Canon's Unique Remote Adjustment Function
- H.264/MJPEG
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-H610D Fixed Dome Full HD Network Camera

CAN-6814B001

- 2.1 Megapixel CMOS Sensor
- Canon's Unique Remote Adjustment Function
- Brilliant Low-Light Performance
- H.264/MJPEG
- ONVIF Profile S Conformant

IP - CAMERAS (MEGAPIXEL)

VB-M600VE Fixed Vandal Dome Network Camera

CAN-4960B001

- 1.3 Megapixel CMOS Sensor
- Vandal Resistant Dome with IP66 Rating
- Canon's Unique Remote Adjustment Function
- H.264/MJPEG
- ONVIF v1.02 Conformant

IP - CAMERAS (MEGAPIXEL)

VB-M40 PTZ Network Camera

CAN-4085B002

- 1.3 Megapixel CMOS Sensor
- 20x Optical Zoom Lens
- Brilliant Low-Light Performance
- ONVIF v1.02 Conformant
- H.264/MJPEG

IP - CAMERAS (MEGAPIXEL)

VB-H710F Fixed Full HD Network Camera

CAN-6815B001

- 2.1 Megapixel Full HD CMOS Sensor
- Genuine Canon 112.6° Wide Angle Lens
- Brilliant Low-Light Performance
- H.264/MJPEG
- ONVIF Profile S Conformant

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IP - CAMERAS (MEGAPIXEL)

VB-M600D Fixed Dome Network Camera

CAN-4959B001

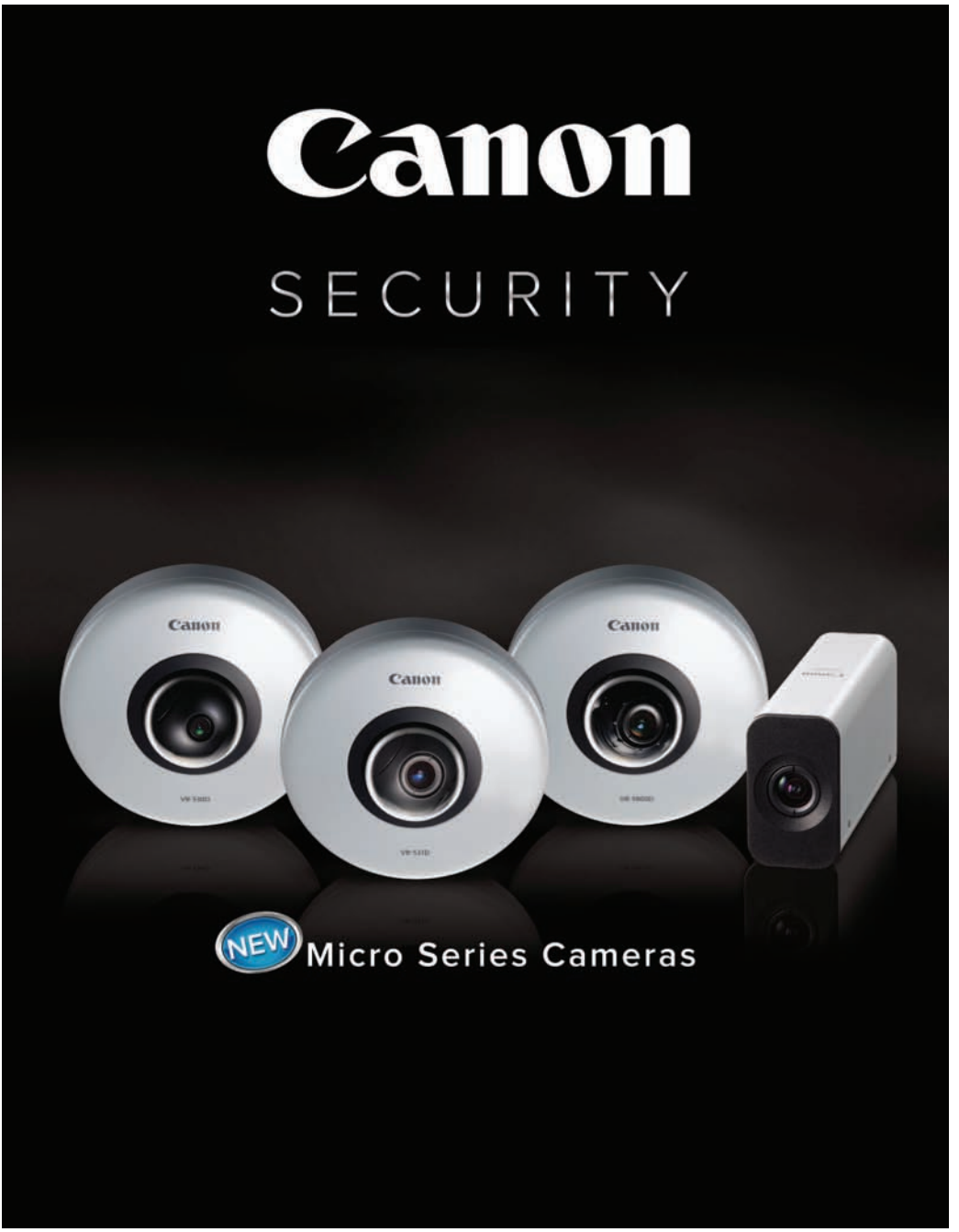
- 1.3 Megapixel CMOS Sensor
- Canon's Unique Remote Adjustment Function
- Brilliant Low-Light Performance
- H.264/MJPEG
- ONVIF v1.02 Conformant

IP - CAMERAS (MEGAPIXEL)

VB-M700F Fixed Network Camera

CAN-4961B001

- 1.3 Megapixel CMOS Sensor
- Brilliant Low-Light Performance
- On-Board Video Analytics
- H.264/MJPEG
- ONVIF v1.02 Conformant



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IP - CAMERAS (MEGAPIXEL)

Hybrid IP Mega-Pixel Box Camera

CNB-MGC6050F

- CMOS Sensor
- 2M Pixel
- SD Memory Card
- True Day & Night
- OSD
- Two-way Audio
- DC12V

IP - CAMERAS (MEGAPIXEL)

Hybrid IP Mega-Pixel Indoor IR Dome Camera

CNB-MDC4050VR

- CMOS Sensor
- 2M Pixel
- 3.5~16MM Varifocal
- True Day & Night
- 18 LEDs & 1 CDS Sensor
- Two-way Audio
- SD card
- DC12V

IP - CAMERAS (MEGAPIXEL)

Hybrid IP Mega-Pixel Indoor IR Dome Camera

CNB-MDC4050IR

- CMOS Sensor
- 2M Pixel
- Fixed Lens, f=3.7mm
- True Day & Night
- 18 LEDs & 1 CDS Sensor
- Two-way Audio
- SD card
- DC12V

IP - CAMERAS (MEGAPIXEL)

IP Mega-Pixel Indoor IR Dome Camera

CNB-LDC3050IR

- CMOS Sensor
- 2M Pixel
- Fixed Lens, f=3.0mm
- True Day & Night
- 18 LEDs & 1 CDS Sensor
- PoE
- DC12V

IP - CAMERAS (MEGAPIXEL)

Hybrid IP Mega-Pixel Outdoor IR Vandal Dome Camera

CNB-MVC4050VR

- CMOS Sensor
- 2M Pixel
- 3.5~16MM Varifocal
- True Day & Night
- 18 LEDs & 1 CDS Sensor
- Two-way Audio
- SD card
- DC12V

IP - CAMERAS (MEGAPIXEL)

Hybrid IP Mega-Pixel Pancake IR Vandal Dome Camera

CNB-MPC1050IR

- CMOS Sensor
- 2M Pixel
- Fixed Lens, f=3.7mm
- True Day & Night
- 12 LEDs & 1 CDS Sensor
- Two-way Audio
- SD card
- DC12V

IP - CAMERAS (MEGAPIXEL)

Hybrid IP Mega-Pixel Panoramic Pancake IR Vandal Camera

CNB-MPC1070PN

- CMOS Sensor
- 5M Pixel
- Panomorph Lens by Immervision
- Focal Length: 0.98mm (short axis), 1.12mm (long axis)
- Two-way Audio
- SD card
- DC12V

IP - CAMERAS (MEGAPIXEL)

Weatherproof IR IP Mega-Pixel Outdoor Camera

CNB-LXC1050IR

- CMOS Sensor
- 2M Pixel
- Fixed Lens, f=4.0mm
- True Day & Night
- 12 LEDs & 1 CDS Sensor
- PoE
- DC12V
- IP66

IP - CAMERAS (MEGAPIXEL)

Weatherproof IR IP Mega-Pixel Outdoor Camera

CNB-MXC6050IR

- CMOS Sensor
- 2M Pixel
- Fixed Lens, f=3.7mm
- TDN(ICR), H.264 / MJPEG
- Two-way Audio, SD card
- 36 LEDs & 1CDS Sensor
- DC12V
- IP66

IP - RECORDING DEVICES & CONTROL EQUIPMENT

4ch/8ch/16ch Stand-Alone NVR System

CNB-MNVR04 - 4 Channel
CNB-MNVR08 - 8 Channel
CNB-MNVR16 - 16 Channel

- H.264 Compression
- Support SATA Interface
- 1HDD
- Built-in 4ch PoE port
- HDMI,
- VGA, Two-way Audio
- USB, Alram I/O
- Support Free DDNS, iPhone & Android Phone viewer

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DATA COMMUNICATIONS

STANDARD Jacks

CMC-CNC6CXX - Cat 6 550MHz
CMC-CNC5CXX - Cat 5E 350MHz **CMC-CNC3CX** - Cat 3

- X=Colors - White | Ivory
- XX=Colors - Black|Blue|Green|Ivory|Orange|Red|White|Yellow|Grey|Purple
- Use with 180 RPT Tool
- Includes locking dust cover
- Meets Ansi/Tia 568 channel and perinant link requirements

DATA COMMUNICATIONS

STANDARD High Density Jacks

CMC-CNC6CHDXX - Cat 6 550MHz
CMC-CNC5ECHDXX - Cat 5E 350MHz

- Meets ANSI/TIA-568 Channel & Permanent Link Requirements
- Use w/ the comCables Rapid 180° Punch Tool (CMC-TOCRIMPRPT) or 110 Punch Down
- UL & RoHS Compliant
- XX= Color - Black|Blue|Green|Ivory|Orange|Red|White|Yellow|Grey|Purple
- Includes Locking Dust Cover

DATA COMMUNICATIONS

F-Connector Keystone Feedthru

CMC-CNFFKYXX

- 900 MHZ
- Fits standard Keystone Faceplates
- XX= Almond|Ivory|Light Almond|White

ACCESSORIES

Faceplate Blank Inserts

CMC-FPBLANKXX - 10 Pack

- Compatible with All comCables Faceplates, Surface Mount Boxes & Blank Patch Panels
- RoHS 2002/95/EC
- XX= Almond | Light Almond | Black| Gray | Ivory| White
- Material Type: High-Impact, flame retardant, thermoplastic

DATA COMMUNICATIONS

Basic Faceplate

CMC-FP*XX

- Accepts Ultimate 90 Degree & High Density Keystone-Style Snap-In Jacks
- * = Total Ports 1|2|3|4|6
- XX = Color White|Ivory

DATA COMMUNICATIONS

Faceplates w/ ID Windows

CMC-FP*XXID

- Safety Standard cUL | UL Material Type High-Impact, UL-rated 94 V-0
- Accepts Ultimate 90 Degree & High Density Keystone-Style Snap-In Jacks
- *=Total Ports 1|2|3|4|6
- XX= Color White|Ivory

ACCESSORIES

Surface Mount Back Box

CMC-SMBBB*GXX

- Non-Conductive, Smooth Plastic Construction| Class 2 Low Voltage Wiring
- UL & US Listed
- For Category, Fiber Optic, & Communication Cable Brackets
- *= single or double gang
- XX= White| Ivory

DATA COMMUNICATIONS

Cat 5E UTP Patch Cable

CMC-N10111*XX

- Category 5 24 AWG Stranded
- *=Length(1, 3, 5, 7, 10, 14, 25, 50, 75 or 100')
- XX=White|Yellow|Orange|Red|Blue|Green|Black|Gray

DATA COMMUNICATIONS

Cat 6 UTP Patch Cable

CMC-N11111*MXX

- Cat 6 24 AWG
- Stranded Molded Boot To Protect Plug
- *=Length(1, 3, 5, 7, 10, 14, 25, 50, 75 or 100')
- XX=White|Yellow|Orange|Red|Blue|Green|Black|Gray

ACCESSORIES

Cat 6A Patch Cable

CMC-N12111*MXX

- Cat 6A 26 AWG
- ANSI/TIA Category 6A ISO 9001:2008
- * = Length (1, 2, 3, 5, 7, 10, 14, 25, 50, 75, or 100'
- XX=White|Yellow|Blue
- Sheilded
- ETL listed

COMMUNICATIONS

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DATA COMMUNICATIONS

Ultimate Cat 5E Patch Cable

CMC-N10111*XXCH

- *=Length in Feet (3, 5, 7, 10, 14, or 25)
- XX=Jacket Color - White|Blue
- ANSI/TIA 568 C.2 Component Rated
- Anti-Snag Tab | Slimline Strain Relief Construction
- 100% Tested |Made in the U.S.A.

DATA COMMUNICATIONS

Ultimate Cat 6 Patch Cable

CMC-N11111*XXCH

- *=Length in Feet (3, 5, 7, 10, 14, or 25)
- XX=Jacket Color - White|Blue
- ANSI/TIA 568 C.2 Component Rated
- Anti-Snag Tab | Slimline Strain Relief Construction
- 100% Tested |Made in the U.S.A.

DATA COMMUNICATIONS

ULTIMATE Surface Mount Boxes w/ ID label

CMC-SMB1XXC - Surface Mount Box, 1-Port
CMC-SMB2XXC - Surface Mount Box, 2-Port
CMC-SMB4XXC - Surface Mount Box, 4-Port

- UL
- Includes Mounting Screws & Double Sided Tape
- Accepts comCables Ultimate Style Jacks
- XX=Colors - White | Ivory
- Has unique ID window for labeling

DATA COMMUNICATIONS

PERFORMANCE Surface Mount Boxes w/ ID label

CMC-SMB1XXS - Surface Mount Box, 1-Port
CMC-SMB2XXS - Surface Mount Box, 2-Port
CMC-SMB4XXS - Surface Mount Box, 4-Port

- Includes Mounting Screws & Double Sided Tape
- Accepts comCables Performance Style Jacks
- Has unique ID window for labeling
- XX=Colors- White | Ivory

DATA COMMUNICATIONS

Plastic Finger Duct Wire Manager

CMC-WM1FDSM - 1U, Single Sided
CMC-WM2FDSM - 2U, Single Sided
CMC-WM1UFDDM - 1U, Double Sided
CMC-WM2UFDDM - 2U, Double Sided

- Pass-Through Holes
- Snap-On Cover
- Screws Included
- Material Type High-Impact Flame Retardant UL-Rated 94 V-0
- Thermoplastic, ABS

ACCESSORIES

Finger Duct Vertical Wire Managers

CMC-WMVFS744 - Single Sided
CMC-WMVFD744 - Double Sided

- 7' x 4" x 4" Finger Duct Wire Manager
- Convenient Pass-Through Holes Snap-on

DATA COMMUNICATIONS

Unloaded Modular Patch Panels

CMC-PPK12FM - 12-Port Mini Unloaded Wall Mount
CMC-PPK24FM - 24-Port Mini Unloaded Wall Mount
CMC-PPK48FM - 48-Port Mini Unloaded Wall Mount

- UL Listed
- Accepts comCables Ultimate 90 Degree & High Density Jacks
- 19"Rack Mount Includes Rear Cable Management

DATA COMMUNICATIONS

PERFORMANCE Cat 5E & Cat 6 Patch Panel

CMC-PPC5E24C - Cat 5E 24-Port 1U
CMC-PPC5E48C - Cat 5E 48-Port 2U
CMC-PPC624C - Cat 6 24-Port 1U
CMC-PPC648C - Cat 6 48-Port 2U
CMC-PPC5E12M - Cat 5E 12-Port Mini

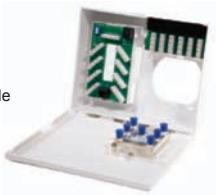
- ANSI/TIA 568 C.2 ISO/ iEC 11801 | UL
- 110 & Krone Tool Compatible
- UL/CSA Listed
- Includes Rear Cable Management

DATA COMMUNICATIONS

Voice, Video, & Data Distribution Box

CMC-RESVCMTSMDW - W/ Data Module
CMC-RESVCMTSMW - W/ Out Data Module

- Surface or Flush Mount (Pre-wire cut in plate included)
- 6 Way 2 GHz Cable Splitter Module
- 4x8 Voice Module
- Optional 6xRJ45 Cat 5E Data Module



DATA COMMUNICATIONS

Video Splitters

CMC-RESSAMRF8 - 1x8 **CMC-RESSAMRF6** - 1x6
CMC-RESSAMRF4 - 1x4

- 5-1000MHz Frequency Range
- 1GHz Video Splitter Modules Provide High Quality & Reliable
- Splitter Modules Provide High Quality & Reliable Video Distribution
- Meets ANSI/SCTE Standards

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DATA COMMUNICATIONS

4 x 10 Voice Distribution Module

CMC-RESSAMV10

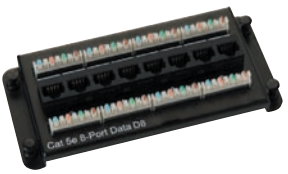
- Includes RJ31X
- One Port For Testing or Expansion
- 4 Lines to 10 Locations

DATA COMMUNICATIONS

8-Port Data Module

CMC-RESSAMD8

- Data Module Supports Up To 8 Locations
- RJ45 To 110 IDC Blocks



ACCESSORIES

PERFORMANCE Rapid Punch Tool

CMC-TTOCRIMP90RTPC

- Materials: Steel Frame | Stainless Steel Blade | ABS UL94V-0 Handle
- Lock IDC Design
- Exchangable Cutting Module & Base (recyclable)
- Termination Time saved by 85%+
- Fits any comCables PERFORMANCE Jacks

ACCESSORIES

Rapid Punch Tool

CMC-TOCRIMP90RPT* - 90° Rapid Punch Tool
CMC-TOCRIMPRPT** - 180° Rapid Punch Tool

- "One Punch and Done"; Termination
- *Fits comCables 90° Cat5E and Cat 6 Jacks
- **Fits comCables High Density Cat5E and Cat 6 Jacks

ENCLOSURES, PLATES & RACKS

Hinged Wall Bracket 19" Wide & 4" Deep

CMC-HB1U4 - 1U **CMC-HB2U4** - 2U
CMC-HB3U4 - 3U **CMC-HB4U4** - 4U
CMC-HB6U4 - 6U (12" Deep)

- Hinged on One Side
- Made in USA
- 19" Rack Mount Products
- 10x32 screws included
- 6"or ADJ Model Available

ENCLOSURES, PLATES & RACKS

Hinged Wall Bracket 19" Wide & 6"Deep

CMC-HB1U6 - 1U
CMC-HB2U6 - 2U
CMC-HB4U6 - 4U

- #10-32 Screws Included
- Powder-coated Steel
- 6"Deep
- 4"of Adjustable Model Available

ENCLOSURES, PLATES & RACKS

Wall Mount Swing Gate Rack

CMC-RWMSG241918 - 19" W x 24"H x 18"D - 12RU
CMC-RWMSG361918 - 19" W x 36"H x 18"D - 12RU
CMC-RWMSG481918 - 19" W x 48"H x 18"D - 12RU

- 12GA Steel | Black Epoxy Powder Coat
- Standard EIA Hole Spacing
- Wall Mount 100lb Weight Capacity
- Made in USA
- Includes Rack Screws | Ships Flat

ENCLOSURES, PLATES & RACKS

2 & 4 Post Relay Racks

CMC-RR7BK - Relay Rack 7' x 19"
CMC-RR7BK4P - 4 Post Relay Rack - 7'H x 21"W

- Cold Rolled Steel 14AWG
- 12-24 Threaded Mounting Holes
- 2-Post Load Capacity 600 lbs | 4-Post Load Capacity 1,700lbs
- *4-Post Adjustable at 24", 26.5", 29.125", 31.5", 34" & 36" Depth
- 4-Post is cage nut

ENCLOSURES, PLATES & RACKS

Structured Wiring Cabinets w/ Hinged Door

CMC-RES14144MMH - 14"W x 14"H x 4"D
CMC-RES14284MMH - 14"W x 28"H x 4"D
CMC-RES14424MMH - 14"W x 42"H x 4"D

- Includes Hinged Door
- Designed To Accept Most Major Modules Such As Leviton, OnQ, Suttle, comCables & More
- Easily Mounts Between Standard 16"; Stud Spacing
- Knockouts Are Provided On All Four Sides

ENCLOSURES, PLATES & RACKS

Wall & Rack Mount Fiber Enclosure

CMC-FE*XX

- 16-Gauge Steel w/ Black Powder Coat Finish
- Grommets, Zip Ties And Installation Hardware, Included
- *Wall Mount: 6=1Panel, 12= 2Panels, 24=4Panels, 48=8Panels, 72/144=12Panels
- *Rack Mount: 72/144=12Panels, 18=3panels 1U, 36=6panels 2U, 24=24panels 2U
- XX=Wall Mount (W)|Rack Mount (R)

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WIRE

Cat 6A UTP Cable

CMC-BCC6APVCXX - Cat 6A 500 MHz UTP PVC
CMC-BCC6APLXX - Cat 6A 500 MHz UTP Plenum

- Supports IEEE 802.3an | 10G Base-T Standard & ANSI/EIA 568-C
- Conductor Material Solid Bare Copper | 23AWG
- Unshielded Twisted Pair (UTP)
- XX= Blue |White| Yellow
- On a reel

WIRE

Cat 5e/5E Plenum Cable

CMC-BCC5EPL* - Cat 5e 350MHz UTP Plenum Cable
CMC-BCC5E2PL* - Cat 5e 100MHz UTP Plenum Cable

- 24AWG 4 Pair
- Plenum Made in USA| UL
- ANSI/TIA- 568-C.2
- Wide Mouth Opening for Easy Installation
- *= Jacket Color White & Blue, other by request

WIRE

Cat 6/6E Plenum Cable

CMC-BCC6EPL* - Cat 6 550MHz UTP Plenum Cable
CMC-BCC6EEPL*01 - Cat 6 250MHz UTP Plenum Cable

- ANSI/TIA-568-C.2 Category 6
- Plenum Made in USA / UL
- Wide Mouth Opening for Easy Installation
- *= Jacket Color Blue & White, other by request
- 23 AWG 4 pair

WIRE

Cat 6E 550MHz PVC Cable

CMC-BCC6EPVC*

- *=Cable Jacket Color Blue, White
- CMR/PVC
- Wide Mouth Opening for Easy Installation
- ANSI/TIA 568 C.2
- 23 AWG 4 pair

WIRE

Cat 5E 350MHz PVC Cable

CMC-BCC5EPVC*

- *=Cable Jacket Color White, Blue
- CMR/ PVC
- Wide Mouth Opening for Easy Installation
- ANSI/TIA 568 and ISO/IEC 11801
- 24 AWG 4 pair

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IP - TRANSMISSION

CopperLine™ 4-port Ethernet Unmanaged Switch

CON-CLFE4US1TPC - 4-port UTP/Twisted Copper and Coaxial Extender

- Combines four Ethernet data channels over a single COAX or UTP Cable
- Up to 5,000' (1524 m) over coax; or up to 3000' (914 m) over UTP
- High Density: High (4) channel count within a very small package
- Can be powered using 12 Volts DC, 24 Volts AC or Poe af/at power sources
- High data rate, ideal for high bandwidth requirements

IP - TRANSMISSION

Ethernet Self-managed Switch with PoE

CON-CNFE4*1SMSPOE - 4 TX PoE and 1 FX Uplink Self-Managed Switch
CON-CNFE5SMSPOE - 4 TX PoE and 1 TX Uplink Self-Managed Switch

- Combine four electrical ports into a single port that forwards to network
- No Programming Required
- Prevents network video flooding
- 30 Watts IEEE802.3at PoE+
- Environmentally Hardened

IP - POWER OVER ETHERNET

ComNet Self-Managed Switches

CON-CNFE4SMSPOE - 4 TX Port Self-Managed Switch with and without PoE
CON-CNFE5SMSPOE - 5 TX Port Self-Managed Switch with and without PoE
CON-CNFE4+1SMSPOE - 4 TX 1 FX Self-Managed Switch with/without PoE
CON-CNFE6+2USPOE - 6 TX 2 FX Self-Managed Switch with PoE

- Combine data from TX ports and provide uplink through TX or FX Port
- Pre-programmed Port for uplink to other Ethernet devices
- Supports IEEE802.3at standard delivering 30w per port (PoE+)
- Prevents Network Flooding • Made in USA

IP - POWER OVER ETHERNET

Media Converter with Power over Ethernet

CON-CWFE1003POEM - 2 Fiber SC Media Converter with PoE
CON-CWFE1003POEM - 2 Fiber ST Media Converter with PoE IEEE802.3at

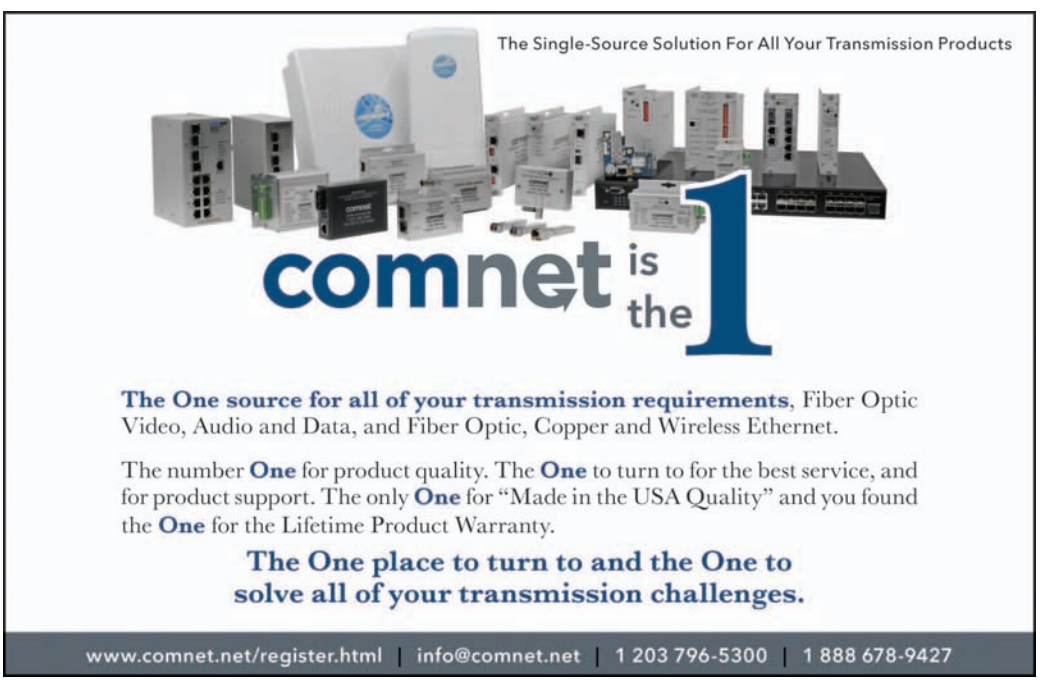
- Exceed the requirements IEEE 802.3at PoE standard
- Higher output 60 watt model optional
- SC or ST optical connectors
- Ideal for applications where equipment draws significant power
- Made in USA

DATA COMMUNICATIONS

NetWave™ Wireless Ethernet Link

CON-NW3 - Commercial Wireless Point-to-Point Kit

- Pre-configured access Point and Client units for quick setup
- 802.11a/n Compliant
- ComNet antenna alignment feature eases installation and setup
- Secure transmission: WPA2 – AES or TKIP encryption
- Lifetime Warranty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IP - CAMERAS (MEGAPIXEL)

PixelPro Mini IP Dome and Auto Focus Camera

CHU-ZNMD243M - Dome with 4.3mm Lens
CHU-ZNMD221M - Dome with 2.1mm Lens
CHU-ZNM2AF - Mini Auto Focus Camera

- 1080p HD Resolution
- 1/2.8" Progressive Scan CMOS Sensor
- 5x Zoom (Mini Auto Focus Camera)
- Improved Picture Quality and Low Light Performance
- Digital Day/Night Performance

IP - CAMERAS (MEGAPIXEL)

Outdoor IP Bullet Camera

CHU-ZNB2MTP - 1080p
CHU-ZNB1MTP - 720p

- 1/2.8" Progressive Scan CMOS, 3-9mm Varifocal lens
- True Day/Night Performance
- DPC (Defective Pixel Correction)
- 42 IR LEDs provide over 100' illumination range
- 12VDC, 24VAC or PoE, IP66 Rated

IP - CAMERAS (MEGAPIXEL)

PixelPro Indoor IP Domes

CHU-ZND2MTP - 1080p Dome
CHU-ZND2MTPIR - 1080p Dome with IR LEDs
CHU-ZND1MTP - 720p Dome
CHU-ZND1MTPIR - 720p Dome with IR LEDs

- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- Improved Picture Quality and Low Light Performance
- 18 IR LEDs (on IR models)
- True Day/Night Performance

IP - CAMERAS (MEGAPIXEL)

PixelPro Outdoor IP Domes

CHU-ZNDT2MTP - 1080p Dome
CHU-ZNDT2MTPIR - 1080p Dome with IR LEDs
CHU-ZNDT1MTP - 720p Dome
CHU-ZNDT1MTPIR - 720p Dome with IR LEDs

- 1/2.8" Progressive Scan CMOS
- Built-in 3-9mm Varifocal Lens
- Improved Picture Quality and Low Light Performance
- 18 IR LEDs (on IR models)
- True Day/Night Performance

IP - CAMERAS (MEGAPIXEL)

1080p Indoor IP Mini Dome w/ Imbedded Intelligence

CHU-ZN1M4FN3 - Dome with 2.8mm Lens

- 1080p HD Resolution, 2.8mm Lens
- 1/2.7" Progressive Scan CMOS
- Digital Day/Night & Digital WDR Performance
- Imbedded Intelligence Technology
- ONVIF Compliant (Profile S)

IP - CAMERAS (MEGAPIXEL)

1080p Indoor IP Dome w/Imbedded Intelligence

CHU-ZNDN312XEM - 3-9mm Lens

- 1080p HD Resolution, 3-9mm Lens
- 1/2.7" Progressive Scan CMOS
- Imbedded Intelligence Technology
- ProSet system lets you zoom and focus directly from your PC
- ONVIF Compliant (Profile S)

IP - SOFTWARE

GanzVision NVR Software

CHU-GVIP01 - Single Camera License
CHU-GVH1608 - 16 Channel Analog with 8 IP Licenses
CHU-GVH3208 - 32 Channel Analog with 8 IP Licenses
CHU-GVST01 - Ganz Vision START Value Software (Single License)

- A powerful NVR software for managing IP video surveillance systems
- Intuitive user interface requires little to no training
- Simple and cost-effective to add additional IP camera licenses
- Digital PTZ functionality on all cameras in live and recorded mode
- Economical "START" version available

IP - SOFTWARE

ZNS Series NVR Software

CHU-ZNSSERIES

- E-mail notification in Event and Action management wizard
- AVI export (keep original & regular compression) with audio
- Client application audio notifications by alarm events
- Broadcast Server allows for remote viewing from mobile devices
- No maintenance fees and free software upgrades

IP - RECORDING DEVICES & CONTROL EQUIPMENT

1080p Embedded NVR Servers

CHU-NR4HL - 4 Channel (2TB or 4TB)
CHU-NR8HL - 8 Channel (2TB or 4TB)

- 1080p HD recording at up to 240 fps (8 ch), 120 fps (4 ch)
- Triplex operation and efficient H.264 compression
- Full HD GUI, PC and web based remote agent, smartphone application
- Built-in PoE switching HUB and automatic router port forwarding
- Plug and play all Ganz PixelPro IP cameras with no configuration required

IP - CAMERAS (MEGAPIXEL)

Fixed Thermal Series Cameras

CHU-ZNT6HAT1FN20N - 320 x 240 30fps

- 320 x 240 Resolution, 30 fps
- 40° to 30° FOV Lens
- Image Contrast Enhancement (ICE) features
- Thermal imaging powered by DRS Technologies
- IP and Analog connectivity, IP 66

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Security Driven by Intelligence.

Ganz GXi Technology adds a suite of Imbedded Intelligence options to Ganz PixelPro, an already feature-rich IP camera series. The Imbedded Intelligence Technology maximizes your surveillance capability with a powerful set of built-in real-time video analysis tools, WDR with tone mapping and edge recording to SD card.

GXi's Imbedded Intelligence provides analysis of video utilizing advanced image-processing algorithms for a proactive approach to security management. The result is actionable intelligence in real-time, tailored to your specific security requirements.

The competitively priced PixelPro Series with GXi Technology is available in a variety of indoor and outdoor models with several license options available.

Visit computarganz.com/gxi for more information and a complete overview of features and options.

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GANZ

www.computarganz.com

IP - CAMERAS (MEGAPIXEL)

2.1 Megapixel IR Bullet Camera (ONVIF)

DWD-MB421TIR - 3.5~16mm Auto Focus Lens, 4.5x Optical Zoom
DWD-MB421TIR650 - 6~50mm Remote Auto Focus Lens, 8x Optical Zoom

- 1/2.8" CMOS (7% Larger than 1/3 Sensor), Triple Codec with Dual Stream
- Remote Auto Focus Lens, 100ft IR with Intelligent Camera Sync, Smart IR
- PoE and DC12V, Two-Way Audio, Micro SD Card for Emergency Backup
- 3D Digital Noise Reduction, Wide Dynamic Range, Back-light Compensation
- IP66 Certified (Weatherproof)

2.1 Megapixel PTZ Dome Camera (ONVIF)

DWD-MPTZ20X - 20X Optical Zoom
DWD-MPTZ20XFM - 20X Optical Zoom, In-Ceiling/Flush Mount

- 1/2.8" CMOS Sensor, 4.7-94mm Varifocal Auto Iris Lens, Triple Codec, TDN
- 20X Optical Zoom with Auto Focus, 12X Digital Zoom, Multi-Streaming
- Pan 0-360° Endless, 360° Per Second Pan Speed, 3D DNR, WDR, 2-Way Audio
- 255 Presets, 4 Patterns, 8 Swings & Groups, Power over Ethernet & AC24V
- IP66 Certified (Weatherproof), Heater and Fan Built-in

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Blackjack E-Rack NVR Powered by DW Spectrum IPVMS

DWD-BJE2U - 4-32TB Storage **DWD-BJER2U** - 16-48TB Storage
DWD-BJER3U - 52-64TB Storage **DWD-BJER4U** - 68-144TB Storage

- Supports IP cameras and the VMAX DVR Series (Hybrid IP & Analog)
- Auto Device Discovery, Record up to 128 2.1MP IP Cameras, Max 600Mbp
- Windows 7 on Separate SSD, VGA, HDMI & 4 x DP Outputs, Hot-Swappable HDDs
- Data Redundancy RAID-5, Redundant Power Supply

Blackjack Blade NVR Powered by DW Spectrum IPVMS

DWD-BJBLADE2T - Enterprise Level Surveillance NVR, OnVIF Profile S

- LITE DW Spectrum Client for Setup & Configuration, Enterprise Scalability
- Auto Device Discovery, Record up to 16 2.1MP IP Cameras, Max 80Mbp
- VGA & HDMI Output Support, 2TB Internal Storage, USB & SD Card Interface
- Dual Stream Recording, Frame-by-Frame and Preview Search
- One-time License Charge

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Blackjack Cube NVR Powered by DW Spectrum IPVMS

DWD-BJCUBE3T - 3TB Storage **DWD-BJCUBE6T** - 6TB Storage
DWD-BJCUBE9T - 9TB Storage

- Supports IP cameras and the VMAX DVR Series (Hybrid IP & Analog)
- Auto Device Discovery, Record up to 64 2.1MP IP Cameras, Max 360Mbp
- Windows 7, DVI-I & DVI-D Out, Dual Network Ports, 3-9TB Internal Storage
- Dual Stream Recording, Frame-by-Frame and Preview Search
- One-time Licensing Charge, Fully Transferable

IP - SOFTWARE

DW Spectrum Synergy Surveillance Software

DWD-SPECTRUMLSC001~100 - DW Spectrum IPVMS Licenses
DWD-SPVMAX004~16 - DW Spectrum VMAX Analog Licenses
Customizable license packages available upon request

- Automatic Device Discovery and Display, Fully Customizable Layouts & Search
- One-time licensing charge, fully transferable between cameras and encoders
- Events & Actions rules-based engine, Camera & Server diagnostic and reports
- Region of Interest with Forensic SpyGlass, EMapping, Dual-Stream Recording

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SURGE SUPPRESSORS

Power over Ethernet (PoE) Surge Protector

DYN-MRJPOE - Individual PoE Surge Protection

- One product protects power, data and video circuits
- Gigabit Ethernet data speed complies with IEEE standards - PoE Plus Ready
- RJ45 connections with external grounding screw
- Ideal protection for PoE cameras, DVR's, NVR's and access control systems

SURGE SUPPRESSORS

Power over Ethernet Surge Protector

DYN-RM12POE - Rack Mount PoE Surge Protection

- Protects power and data in a 12-port, 1U rack mount system
- Gigabit Ethernet data speed complies with IEEE standards - PoE Plus Ready
- Individual field replaceable modules with RJ45 In/Out connections
- Ideal for midspans, injectors, PoE hubs, NVR's and VoIP systems

SURGE SUPPRESSORS

IP Video Surge Protector

DYN-PVPIP - Individual IP Video Surge Protection

- One product protects power (2-pairs), data and video - RJ45 connections
- Second power protection circuit for heater, blower, defroster or PTZ motor
- Gigabit Ethernet data speed conforms to TIA/EIA data transmission standards RJ45 connections with external grounding screw
- Ideal for IP cameras or individual NVR/power supply feed

SURGE SUPPRESSORS

IP Video Surge Protector

DYN-RM12C5RJ

- Protects CAT5e data lines in a 12-port, 1U rack mount system
- Gigabit Ethernet data speeds conforms to TIA/EIA data standards
- Individual field replaceable modules - RJ45 connections
- Reduces network equipment downtime and failure due to power surges

SURGE SUPPRESSORS

Power over Coax Surge Protection

DYN-POC - Individual Power over Coax Surge Protection
DYN-IRM16POC - Rack Mount Power over Coax Surge Protection

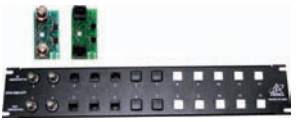
- Protects Ethernet and PoE Extenders from damaging transient surges
- Ethernet data speed without signal degradation
- BNC female In/Out connection with external grounding screw
- Ideal for use on Individual IP Cameras, switches and DVR's
- For head-end equipment protection, install the 16-channel RM16POC

SURGE SUPPRESSORS

Modular Surge Protection for Hybrid Systems

DYN-RM12FP **DYN-MRJPOEM**
DYN-MRJ45M24 **DYN-MRJ45M48**
DYN-VSPBNCM

- Mix and match up to 12-ports per face plate
- Use any combination of RJ45 and BNC interface modules



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Now is the time to move.

It's never been easier with DSC's 2G to 3G Swap Program for *both* DSC and competitor products!

In the very near future, cellular carriers will no longer support 2G service — ***there's no turning back.***

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DSC offers universal 3G cellular and integrated communicators for IMPASSA and PowerSeries security panels, allowing you to increase the longevity and lifecycle of the products you rely on to grow.

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DSC
From Tyco Security Products

exacqVision

Cross-Platform Video Surveillance Solutions

Hybrid Servers

exacqVision hybrid network video recorders (NVR) seamlessly integrate analog and IP cameras, allowing customers to utilize their existing surveillance system and easily upgrade to the latest IP technology. The cost-efficient LC and ELP-Series along with the A and Z-Series NVRs allow you to connect both analog and IP cameras to the same server. Connect up to 64 analog cameras and 128 IP cameras per server. Each exacqVision hybrid NVR includes the cross-platform server and client software, plus the exacqVision web service which enables the web browser client and the free Exacq Mobile app for iOS, Android and Windows Phone 8 devices.

IP Camera Servers

The exacqVision IP camera server line of LC, ELP, A and Z-Series provide a complete network video recording solution. exacqVision IP camera servers are designed to accommodate IP cameras and encoders. Connect up to 128 IP cameras per server. exacqVision IP camera servers are compatible with more than 1,900 IP camera models. Each exacqVision server comes pre-installed with exacqVision VMS software for easy, out-of-the-box deployment.

VMS Software

The exacqVision VMS software gives end users an easy-to-use, yet feature-rich system to record, view and manage live and recorded video, audio and data. The intuitive exacqVision VMS software line includes full-featured software designed for stand-alone systems all the way to complete, enterprise systems. exacqVision integrates with over 1,900 high-definition IP cameras, 20 access control systems and many video analytic and retail data systems. Known for its ease of use, exacqVision is easy to install, intuitive to operate and scalable for all system sizes.

Completely Scalable

Manage multiple NVRs from a single, unified exacqVision client. Easily add IP cameras and change out cameras. Add unlimited additional servers to your surveillance system as needed for greater capacity or dispersed geographic location.

Cross-Compatible Local, Remote and Mobile User Interfaces

Access live and recorded video on multiple client PCs with the freely distributed Windows, Mac or Linux client application. Download the free Exacq mobile app on iPhone, iPad, Android and Windows Phone 8 devices. For ease of installation, Exacq assigns camera licenses to the MAC address of the server, not the MAC address of the camera.

Three-Year Warranty and Software Subscription Agreement (SSA)

Each exacqVision NVR comes with a three-year hardware warranty and includes three years of software updates. Update client, server and web server software with the latest exacqVision software features at no additional cost during the three-year SSA period.

exacqVision

Understanding exacqVision Product Part Numbers

(Please refer to the exacqVision Product Catalog online at www.exacq.com/catalog for actual and current part numbers)

VMS Software

exacqVision Start
exacqVision Professional
exacqVision Enterprise
exacqVision Edge

Servers

exacqVision LC-Series
exacqVision ELP
exacqVision A-Series
exacqVision Z-Series
exacqVision S-Series

IP camera servers

IPS	2000	R4	RAID	L
IP Camera Server (no analog inputs)	HD storage	Series and/or Chassis	RAID configuration	
IP Server Variants	**HD Variants**	**Chassis Variants**	**RAID Variants**	
IPS = IP Camera Server IPS04 = IP Camera server with 4 exacqVision IP licenses included (could be Start or Pro). All IP Camera servers come with 4 or 8 IP licenses included IPZ08 = Z-Series IP Camera Server with 8 IP licenses included. IP Camera licenses can be purchased separately at any time.	0500 = 500 GB 1000 = 1000 GB 2000 = 2000 GB 3000 = 3000 GB 4000 = 4000 GB 6000 = 6000 GB 8000 / 08TB = 8 TB 010T = 10 TB 012T / 12TB = 12 TB 014T = 14 TB 016T / 16TB = 16 TB 20TB = 20TB 24TB = 24TB 28TB = 28TB 32TB = 32TB 36TB = 36TB 40TB = 40TB 48TB = 48TB 56TB = 56TB 64TB = 64TB 72TB = 72TB 80TB = 80TB	DT = Desktop (A) ELP = ELP-Series ELPR = ELP-Series LC = LC-Series (LC) R2 = 2U Rackmount (A or Z) R3 = 3U Rackmount (Z) R4 = 4U Rackmount (A or Z)	RAID = RAID 5 or RAID 6 (Blank if no RAID) NOTE: RAID configurations will affect the available storage on the server. A-Series is always RAID 5. Z-Series 2U IP Camera Servers use RAID 5. Z-Series 3U and 4U IP Camera Servers use RAID 6. **LINUX OPTION** L = Linux OS. Only listed if Linux is an option. Linux is standard on all LC-Series, EL-Series and ELX-Series servers.	

Hybrid servers (analog & ip cameras)

1608	48	2000	R4	RAID	L
Number of inputs included	Images per second for analog inputs	HD storage	Series and/or Chassis	RAID configuration	
Input Variants	**FPS Variants**	**HD Variants**	**Chassis Variants**	**RAID Variants**	
0800 = 8 analog*/ 0 IP** 0804 = 8 analog*/ 4 IP** 1600 = 16 analog* / 0 IP** 1604 = 16 analog*/ 4 IP** 1608 = 16 analog*/ 8 IP** 3208 = 32 analog* / 8 IP** 4808 = 48 analog* / 8 IP** 6408 = 64 analog* / 8 IP** First two digits represent number of analog camera inputs. Second two digits represent number of included IP camera licenses (Start or Pro)	24 = 240 fps 48 = 480 fps 96 = 960 fps 144 = 1440 fps 192 = 1920 fps Frames per second for analog cameras based on the video capture card in the server.	0500 = 500 GB 1000 = 1000 GB 2000 = 2000 GB 3000 = 3000 GB 4000 = 4000 GB 6000 = 6000 GB 8000 = 8000 GB 010T = 10 TB 012T = 12 TB 014T = 14 TB 016T = 16 TB 20 TB = 20 TB 24TB = 24 TB 28TB = 28 TB 32TB = 32 TB 36TB = 36 TB 40TB = 40 TB 48TB = 48 TB 56TB = 56TB 64TB=64TB 72TB=72TB	DT = Desktop (A) ELP = 1.5U ELP (ELP) ELPR = 1.5 U ELPR (ELP) LC = LC-Series (LC) R2 = 2U Rackmount (A) R2HZ = 2U Rackmount (Z) R4 = 4U Rackmount (A) R4HZ = 4U Rackmount (Z)	RAID = RAID 5 or RAID 6 (Blank if no RAID) NOTE: RAID configurations will affect the available storage on the server. A-Series is always RAID 5. Z-Series 4U hybrids use RAID 6. **LINUX OPTION** L = Linux OS. Only listed if Linux is an option. Linux is standard on all LC-Series, EL-Series and ELX-Series Servers.	

Storage servers

exacqVision S-Series Storage Servers

HD Variants

S = S-Series

04TB = 4TB
08TB = 8TB
12TB = 12TB
16TB = 16TB
20TB = 20TB
24TB = 24TB
28TB = 28TB
32TB = 32TB

VMS Software

EVIP	01
exacqVision IP Camera License	Number of IP Camera Licenses
Camera License Variants	**Number of Licenses**
EVIP = exacqVision Pro IP Camera License START = exacqVision Start IP Camera License EVES = exacqVision Enterprise Server Option (per server) EV-EDGE-01 = exacqVision Edge license Licenses can be added to ANY exacqVision server, depending on the maximum number of IP inputs per server.	01 = 1 year software subscription NOTE: The LC-Series hybrid and IP camera appliances include 4 Start IP licenses. All ELP, A and Z-Series Hybrids include 4 or 8 Pro IP licenses. Additional licenses are ordered separately and are delivered electronically.

CONTROL PANELS

GV-AS410 Controller

USA-84AS41000010U - Access controller panel for 4 doors

- 4 doors (one-way and two-way control)
- Support 8 Wiegand card readers of 26 to 64 bits
- Support 8 GV-Readers and GV-Fingerprint Readers through RS-485 connection
- Built-in 16 inputs and 24 relay outputs
- Suitable for door, parking and elevator access control

IP - CAMERAS (MEGAPIXEL)

GV-EFD1100 Target Series 1.3MP Mini Fixed IR IP Dome Camera, 2.8mm

USA-84EFD11000010

- 1.3MP lens 1/3" progressive scan low lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Day and night function (with removable IR-cut filter)
- Wide Dynamic Range and Intelligent IR

IP - CAMERAS (MEGAPIXEL)

GV-FER521 Outdoor-rate 5MP Fisheye IP Camera

USA-84FER52100100

- 5MP progressive scan CMOS with 360 and 180° panorama view
- Ingress protection (IP66) and Vandal resistance (IK10)
- Digital Object Tracking and Wide Dynamic Range
- H.264 and MJPEG
- Electronic Day/Night function

IP - CAMERAS (MEGAPIXEL)

GV-VD2540 2MP 3x Zoom Super Low Lux WDR IR Vandal Dome

USA-84VD25400001U

- 2MP 3x zoom 1/3" progressive scan Super Low Lux CMOS
- Min. illumination at 0.02 lux
- Motorized varifocal lens for remote focus/zoom adjustment
- Up to 30 fps at 1920 x 1080 with dual streams from H.264 and MJPEG
- Vandal resistance (IK10+) and ingress protection (IP67)

IP - CAMERAS (MEGAPIXEL)

GV-IP LPR Camera 5R

USA-84HLPRCM50010 - 1.3MP IP LPR cam 5 meter motorized lens 3~9mm

- 1.3 megapixel B/W progressive scan CMOS
- Motorized varifocal lens for remote focus/zoom adjustment
- Dual streams from MJPEG or H.264
- Up to 30 fps at 1280 x 1024
- Ingress protection (IP67) and vandal resistance (IK10 for metal casing)

IP - CAMERAS (MEGAPIXEL)

GV-BL2500 IP Bullet, 2MP Super Low Lux, IP67, IR, 3~9mm

USA-84BL25000001U

- 2 megapixel progressive scan super low lux CMOS
- Min. illumination at 0.02 lux
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1920 x 1080
- Vandal resistance (IK10 for metal casing

IP - RECORDING DEVICES & CONTROL EQUIPMENT

UVS Cube NVR Server

USA-94NC31TC16 - UVS Mini Cube i3 NVR with 1TB HDD

- Support for 16 GeoVision IP channels
- 1TB HDD embedded
- 8GB RAM and DVD burner
- Win-7 64 bit embedded software
- 50GB HDD Partition

IP - POWER OVER ETHERNET

24 Gigabit Port Managed Switch

USA-84P0E2411001U - 24 Gigabit Port Managed Switch

- 24-Port 10/100/1000BaseTX PoE+ with 4 Combo Uplink Ports
- IEEE 802.3at Compliant (24 Ports at Full 15.4 W)
- Web-based Configuration and Management
- VLAN, QoS, DSCP, RSTP, IGMP Snooping, Link Aggregation, LACP, Port Security
- Supports up to 23 IP cameras

GeoVision inc

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HID Global's products extend from physical access control to strong authentication and credential management as well as visitor management and card printing, personalization and encoding. Millions of customers choose Genuine HID solutions that provide a more effective and efficient way to create, use and manage secure identities.

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IP - CAMERAS

Day/Night Outdoor Mini Dome–Value Series

HIKVISION

HIK-DS2CD2512FI - 1.3MP/720P
HIK-DS2CD2532FI - 3MP/1080P
HIK-DS2CD2512FIWS - 1.3MP/720P WIFI
HIK-DS2CD2532FIWS - 3MP/1080P WIFI"

- 1.3MP and 3MP, H264
- 4mm lens (2.8mm, 6mm, 12mm optional)
- Day/Night, DWDR, IR to 10m, IP66, PoE/12VDC
- WiFi Option with Audio/Alarm I/O (IWS Model)
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Indoor WDR Dome Camera–Pro Series

HIKVISION

DS2CD764FWDEIZ - 1.3MP/720P
DS2CD754FWDEIZ - 3MP/1080P

- 1.3MP and 3MP
- 2.7-9mm, Motorized Zoom/ Focus
- 120dB WDR and True Day/ Night
- IR up to 60ft
- PoE/12VDC, No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

WDR Outdoor Dome Camera – Pro Series

HIKVISION

HIK-DS2CD7264FWDEIZ - 1.3MP/720P
HIK-DS2CD7254FWDEIZH - 3MP/1080P

- 1.33 and 3MP, H264, 2.7-9mm, Motorized Zoom/Focus
- Day/Night, 120dB WDR, IR up to 90ft
- IP66, PoE/24VAC
- Heater Option (EIZH) PoE+/24VAC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Day/Night Turret Dome – Value Series

HIKVISION

HIK-DS2CD2312I - 1.3MP/720P
HIK-DS2CD2332I - 3MP/1080P

- 1.3MP and 3MP, H264
- 4mm lens (2.8mm, 6mm, 12mm optional)
- Day/Night, DWDR, Smart IR to 30m
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Day/Night Outdoor Dome Camera–Value Series

HIKVISION

HIK-DS2CD2112I - 1.3MP/720P
HIK-DS2CD2132I - 3MP/1080P

- 1.3MP/720p, H264
- 4mm lens (2.8mm, 6mm, 12mm optional)
- Day/Night, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

2MP Outdoor PTZ IR Speed Dome–Pro Series

HIKVISION

HIK-DS2DF7286AEL - 2MP/1080p IR Dome

- 2MP/1080P, H264, PTZ
- 30X Optical Zoom, Day/Night
- Integrated Smart IR up to 150m
- -40 to +65C; 24VAC, Hi-PoE (to -30c)
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Day/Night Outdoor VF Bullet–Value Series

HIKVISION

HIK-DS2CD2612FI - 1.3MP/720P
HIK-DS2CD2632FI - 3MP/1080P

- 1.3MP and 3MP, H264
- 2.8-12mm Vari-focal Lens
- Day/Night, DWDR, Smart IR to 30m
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Day/Night Outdoor Bullet Camera–Value Series

HIKVISION

HIK-DS2CD2012I - 1.3MP/720P
HIK-DS2CD2032I - 3MP/1080P

- 1.3MP and 3MP
- 4mm lens (6mm, 12mm optional)
- Day/Night, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - CAMERAS (MEGAPIXEL)

Outdoor PoE Bullet Camera–Pro Series

HIKVISION

HIK-DS2CD8264FWDEIZ - 1.3MP/720P
HIK-DS2CD8254FWDEIZ - 3MP/1080P

- 1.3MP and 3MP
- 2.7-9mm, Motorized Zoom/Focus
- Day/Night, WDR, IR up to 90ft
- IP66, PoE/12VDC
- No charge VMS (iVMS-4200)

IP - POWER OVER ETHERNET

16-Port PoE/PoE+ Ethernet Switch

HIKVISION

HIK-DS3D2216P - 16 Port PoE Switch

- 16-port 10/100M, 2-port 10/ 100/1000M TX
- 2 gigabit TX/SFP combo ports
- 16- 802.3af/12- 802.3at PoE
- 400W Total Power

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IP - RECORDING DEVICES & CONTROL EQUIPMENT

4-Channel Network Video Recorder with PoE

HIKVISION

HIK-DS7604NISEP

- Integrated 4-port 802.3af PoE
- H264, up to 5MP, HDMI, 2-SATA
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

8-Channel Network Video Recorder with PoE

HIKVISION

HIK-DS7608NISE8P

- Integrated 8-port 802.3af PoE
- H264, up to 5MP, HDMI, 2-SATA
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

16-Channel Network Video Recorder with PoE

HIKVISION

HIK-DS7716NISP16 - 16 Channel POE NVR

- Integrated 16 Port PoE
- H264, up to 5MP, HDMI, 4-SATA
- Field installable HDD's sold separate
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

16-Channel Hybrid Digital Video Recorder

HIKVISION

HIK-DS9016HWIST - 16-Channel HVR

- 16-Channel IP + 16-Channel Analog
- H264, up to 5MP, HDMI, 8-SATA
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

32-Channel Network Video Recorder with RAID option

HIKVISION

HIK-DS9632NIST - 32-Channel Standard
HIK-DS9632NIRT - 32-Channel with RAID

- 32-Channel, H264, up to 5MP
- HDMI, 8-SATA, (RT version with RAID 0,1,5,10)
- Field installable HDD's sold separately
- No charge VMS (iVMS-4200)
- Free DDNS Service & Mobile App's

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Digital Video Recorder - 960H Real-Time

HIKVISION

HIK-DS7204HWISH - 4 Channel **HIK-DS7208HWISH** - 8 Channel
HIK-DS7216HWISH - 16 Channel

- 4, 8, 16 channel– 30fps all channels at 960H
- H.264 Compression, 1 or 2
- SATA interfaces (4Ch:1-HDD; 8/16 Ch:2-HDD)
- HDMI and VGA Outputs
- Free iVMS-4200, DDNS Service and Mobile Apps

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Digital Video Recorder - 960H Real-Time

HIKVISION

HIK-DS7308HWISH - 8 Channel
HIK-DS7316HWISH - 16 Channel

- 8, 16 channel– 30fps all channels at 960H
- H.264 Compression, 4 SATA interfaces, Looping Video Inputs
- HDMI and VGA Outputs
- Free iVMS-4200, DDNS Service and Mobile Apps

CAMERAS

Outdoor VP Dome Camera – Pro Series

HIKVISION

HIK-DS2CC51A1NVP - Vandal Proof
HIK-DS2CC51A1NVPIR - Vandal Proof with IR
HIK-DS2CC51A1NVPIRH - Vandal Proof with IR and Heater

- 700TVL/ 960H Sony CCD
- True Day/Night, 2.8-12mm, F1.4
- DWDR, BLC, 3DNR
- IR Option
- Vandal and Weather Resistant, 12VDC/24VAC
- 12VDC/24VAC

CAMERAS

Outdoor Day/Night EXIR Bullet- Value Series

HIKVISION

HIK-DS2CE16C2NIT3 - EXIR Bullet

- 720TVL/960H PICADIS
- True Day/Night, 3.6mm (2.8mm, 6mm, 12mm optional)
- Up to 40m IR range with Smart IR
- Wide Operating Temperature
- Range, IP66

CAMERAS

Outdoor Day/Night EXIR Turret–Value Series

HIKVISION

HIK-DS2CE56C2NIT3 - EXIR Turret

- 720TVL/960H PICADIS
- True Day/Night, 3.6mm (2.8mm, 6mm, 12mm optional)
- Up to 40m IR range with Smart IR
- Wide Operating Temperature range, IP66

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IP - CAMERAS (MEGAPIXEL)

TruVision® IP Megapixel PTZ Cameras

GEC-TVP3101 - 1.3MPx, Pendant, Outdoor, CMOS, True D/N, DWDR
GEC-TVP3102 - 1.3MPx, Surface Mt, Indoor, CMOS, True D/N, DWDR
GEC-TVP3103 - 1.3MPx, Flush Mt, Indoor, CMOS, True D/N, DWDR
GEC-TVP3104 - 2MPx, Pendant, Outdoor, CMOS, True D/N, DWDR
GEC-TVP3105 - 2MPx, Surface Mt, Indoor, CMOS, True D/N, DWDR
GEC-TVP3106 - 2MPx, Flush Mt, Indoor, CMOS, True D/N, DWDR

- 1/3-inch Progressive Scan CMOS
- H.264/MPEG/MJPEG Compression Technology
- Resolution Up to 30fps
- Privacy Masks, Intelligent Tracking, Region of Interest (ROI)
- Built-in Micro SD Card Slot Provided, Supports Up to 32GB

IP - CAMERAS (MEGAPIXEL)

TruVision® IP Indoor/Outdoor Mini-dome Cameras

GEC-TVD3101 - 1.3MPx, Indoor, Digital D/N, H.264, 2.8mm
GEC-TVD3102 - 3MPx, Indoor, Digital D/N, H.264, 2.8mm
GEC-TVD3103 - 1.3MPx, Outdoor, True D/N, H.264, 2.8~12mm
GEC-TVD3104 - 3MPx, Outdoor, True D/N, H.264, 2.8~12mm

- 1.3 and 3MPx Resolution Options
- Designed to PSIA and ONVIF Open Standards
- H.264 Compression Technology w/Dual-streaming Capability
- Edge Recording Up to 64GB Micro SD Card for Video Playback (card not included)
- Integrated Motion Detection and Privacy Masking

IP - CAMERAS (MEGAPIXEL)

TruVision® IP Wedge Dome Cameras

Outdoor IR Wedge Domes, 10m IR, 2.8mm
GEC-TVW3101 - 1.3MPx **GEC-TVW3102** - 3MPx

1.3MPx Low Profile Mini Vandal Domes, 2.0mm
GEC-TVW3107 - Gray **GEC-TVW3108** - White
GEC-TVW3109 - Black

- IP66 & IK08-rated for Outdoor Use
- Edge Recording Up to 64GB Micro SD Card for Video Playback
- 1.3 and 3MPx Resolution Options
- Designed to PSIA and ONVIF Open Standards
- H.264 Compression Technology w/ Dual-streaming Capability

IP - CAMERAS (MEGAPIXEL)

TruVision® IP Outdoor IR Mini Bullet Cameras

GEC-TVB3101 - 1.3MPx, True D/N, H.264, 25m IR, 6mm
GEC-TVB3102 - 3MPx, True D/N, H.264, 25m IR, 6mm

- IP66-rated for Outdoor Use
- Innovative Cable Management and Bracketing System
- 1.3 and 3MPx Resolution Options
- Designed to PSIA and ONVIF Open Standards
- H.264 Compression Technology w/ Dual-streaming Capability

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision® NVR 10 PoE Network Video Recorders

GEC-TVN1004CS1T - 4-Channels, Compact, PoE, 20Mbps, 1TB Storage
GEC-TVN1008S2T - 8-Channels, PoE, 40Mbps, 2TB Storage
GEC-TVN1016S3T - 16-Channels, PoE, 80Mbps, 3TB Storage
GEC-TVN1004KB1 - Kit: NVR 10 Compact, 1TB w/4 IR Mini Bullet Cameras
GEC-TVN1008KB1 - Kit: NVR 10, 8-Ch, 2TB w/4 IR Mini Bullet Cameras
GEC-TVN1004CS2T - 4-Channels, Compact, PoE, 20Mbps, 2TB HDD
GEC-TVN1008S4T - 8-Channels, PoE, 40Mbps, 4TB Storage
GEC-TVN1016S6T - 16-Channels, PoE, 80Mbps, 6TB Storage
GEC-TVN1004KW1 - Kit: NVR 10 Compact, 1TB w/4 IR Wedge Dome Cameras
GEC-TVN1008KW1 - Kit: NVR 10, 8-Ch, 2TB w/4 IR Wedge Dome Cameras

- 4/8/16 HD cameras (ONVIF/PSIA) in Real-time (30fps)
- TruVision & UltraView® IP Cameras from VGA through 5MPx (Indoor & Outdoor)
- TruVision 4, 8 and 16-Channel Encoders
- PTZ and Dome Camera Control via Mouse, Front Panel and IR Remote Control
- Up to (8) Built-in PoE Ports
- Plug-and-Play Camera Installation
- Continuous, Motion or Scheduled Recording Modes
- Rack Mountable — 1.5 RU (Compact Model is Not Rack Mountable)

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision® NVR 21 Network Video Recorders

GEC-TVN21082T - 8-Channels, 2TB Storage
GEC-TVN21162T - 16-Channels, 2TB Storage
GEC-TVN21164T - 16-Channels, 4TB Storage
GEC-TVN21088T - 8-Channels, 8TB Storage
GEC-TVN21168T - 16-Channels, 8TB Storage
GEC-TVN21084T - 8-Channels, 4TB Storage

- 8/16 HD Cameras (ONVIF/PSIA) in Real-time (30fps)
- TruVision & UltraView® IP Cameras from VGA through 5MPx (Indoor & Outdoor)
- H.264 Axis, Arecont, ACTi, Panasonic, Samsung, Sony & Vivotek (VGA/MPx)
- TruVision 4, 8 and 16-Channel Encoders
- Continuous, Motion or Scheduled Recording Modes
- Video is Stored in the Native IP Camera Format
- Reverse Playback
- Digital Zoom on Live and Recorded Video
- Compact Rack Mountable — 1.5 RU
- Up to 8TB of Plug-and-Play Internal, Front Accessible Hard Disk Storage

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IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision® NVR 21Plus Network Video Recorders

GEC-TVN2108P4T - 8-Channels, 40Mbps, eSATA, 4TB Storage
GEC-TVN2116P2T - 16-Channels, 80Mbps, eSATA, 2TB Storage
GEC-TVN2116P8T - 16-Channels, 80Mbps, eSATA, 8TB Storage
GEC-TVN2116P16T - 16-Channels, 80Mbps, eSATA, 16TB Storage
GEC-TVN2132P8T - 32-Channels, 160Mbps, eSATA, 8TB Storage
GEC-TVN2132P16T - 32-Channels, 160Mbps, eSATA, 16TB Storage
GEC-TVN2108P8T - 8-Channels, 40Mbps, eSATA, 8TB Storage
GEC-TVN2116P4T - 16-Channels, 80Mbps, eSATA, 4TB Storage
GEC-TVN2116P12T - 16-Channels, 80Mbps, eSATA 12TB Storage
GEC-TVN2132P4T - 32-Channels, 160Mbps, eSATA, 4TB Storage
GEC-TVN2132P12T - 32-Channels, 160Mbps, eSATA, 12TB Storage

- 8/16/32 HD Cameras (ONVIF/PSIA) in Real-time (30fps)
- TruVision & UltraView®
- IP Cameras from VGA through 5MPx (Indoor & Outdoor)
- TruVision 4, 8 and 16-Channel Encoders
- Continuous, Motion or Scheduled Recording Modes
- Video is Stored in the Native IP Camera Format
- Rack Mountable — 2 RU
- Up to 16TB of Plug-and-play Internal, Front Accessible Hard Disk Storage

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision® NVR 50 Network Video Recorders, 32 Channels

GEC-TVN50324T - 4TB storage **GEC-TVN50328T** - 8TB storage **GEC-TVN503212T** - 12TB storage **GEC-TVN503216T** - 16TB storage

- Up to (32) IP Cameras (ONVIF/PSIA)
- Supports IP Cameras Up to 5MPx
- Up to 16TB of Plug-and-Play Internal, Front Accessible Hard Disk Storage
- Support for External Hard Drive (eSATA)
- Continuous, Motion or Scheduled Recording Modes
- Event Recording Based Upon Native IP Camera Activity Detection or via Unit
- Video is Stored in the Native IP Camera Format
- Audio Recording w/Capable IP Cameras
- Composite, VGA and HDMI Output for High-Quality Local Viewing

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision® DVR 60 Digital Video Recorders (Hybrid)

GEC-TVR60162T - 2TB storage, DVD/CD **GEC-TVR60164T** - 4TB storage, DVD/CD
GEC-TVR60168T - 8TB storage, DVD/CD **GEC-TVR601612T** - 12TB storage, DVD/CD

- Real-time Recording at Up to 4CIF on All Channels
- H.264 Compression and Dual Streaming on Live Video
- Records Up to (16) IP Camera Streams and HD IP Streams
- Up to 12TB Internal JBOD Storage for Redundant and Flexible Storage Options
- Fully Integrates w/TruVision Navigator Software
- Mobile Device Support and Networkable via Ethernet (TCP/IP)
- Quick, Easy Configuration and Installation w/Set-Up Wizard
- Camera to HDD Assignment for Storage Grouping

IP - RECORDING DEVICES & CONTROL EQUIPMENT

TruVision® TVE Series Encoders

GEC-TVE400 - 4-channel analog to IP
GEC-TVE800 - 8-channel analog to IP
GEC-TVE1600 - 16-channel analog to IP

- H.264 Compression
- Real-time 4CIF on All Channels
- Compliant to ONVIF/PSIA/CGI
- 1-Channel Audio Input, (4) Alarm Inputs and (1) Alarm Output
- Dual-streaming Functionality

IP - POWER OVER ETHERNET

IFS® Economy Series Unmanaged Ethernet Switches (PoE)

GEC-ES20014P4T - 4-Ports 10/100Mbps Ethernet
GEC-ES30014P4T - 4-Ports 10/100/1000Mbps Ethernet

- Unmanaged Plug-and-Play Installation Requires No Programming
- Store-and-Forward Switching Architecture
- Up to (4) IEEE 802.3af Devices Powered
- Complies w/IEEE 802.3af Power over Ethernet End-Span PSE
- Supports Up to 15.4w (13.75w per port @ full budget)

IP - POWER OVER ETHERNET

IFS® Industrial Gigabit Ethernet (PoE+)

GEC-NS355024T4S - 24-Port Gigabit Industrial Managed Switch
GEC-NS35502T8S - 8-Port Industrial Gigabit Fiber Managed Switch
GEC-NS35528P2S- 8-Port Industrial Gigabit PoE+ Managed Switch

- 8 or 24-Ports 10/100/1000Mbps RJ45 Ports
- (2) or (4) 100/1000Mbps SFP Ports
- Redundant Power w/Alarm Outputs
- Voltage/Surge-suppression
- -40ºC~+75ºC Operating Temperature Range

IP - POWER OVER ETHERNET

IFS® Gigabit Ethernet (PoE)

GEC-NS360124P4S - 24-Port Gigabit Stackable Managed Full PoE Switch
GEC-GEDSG244 - 24-Port Gigabit Standalone Managed Switch

- (24) 10/100/1000Mbps RJ45 Ports
- (4) 100/1000Mbps RJ45/SFP Shared Ports
- Full Power PoE-af (15.4w) on All Ports
- Robust PoE and L2 Network Management
- Advanced Security

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truVision

Securing 100 miles of New York waterway takes TruVision®.

With blazing summers, brutal winters and miles of saltwater in every direction, the New York City area represents the harshest of conditions.

Which is why NY Waterway and East River Ferry chose TruVision IP cameras and recorders to secure its fleet of ferries and over 100 miles of shoreline. Scalable, reliable and easy to use, TruVision video solutions protect 35,000 passengers every day with exceptional image quality and real-time data for 24/7 situational awareness.

NYWATERWAY

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Learn more at **interlogix.com/video.**

Follow us on Twitter **@Interlogix**

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IP - POWER OVER ETHERNET

IFS® Ext. Distance Power over Ethernet (PoE/PoE+)

GEC-MC100FXTXPOE - Fiber to Ethernet Media Converter and PoE Injector
GEC-MC2011P1FS - Fiber to Ethernet Media Converter w/PoE Injector
GEC-MC2521P1CX - PoC, PoE-at (IP Camera End) Media Converter
GEC-MC2521T1CXP - PoC, PoE-at (Switch End) Media Converter
GEC-POE302MS - Gigabit PoE+ Mid-Span Injector
GEC-POE302EX - IEEE 802.3at (30w) PoE Extender (Mid-Span)

- 10/100Mbps or GigE (POE302 Series)
- PoE-af (15.4w) or PoE-at (30w)
- Fiber Units Distance of 2Km (MM) or 15Km (SM)
- Coax Unit Can be Powered via PoE+ Switch or External Power Supply

IP - TRANSMISSION

IFS® Media Converter Modules

GEC-MCR2001T1CX - Ethernet over Coax (VDSL2)
GEC-MCR2001T1TW - Ethernet over Telephone Wire (VDSL2)
GEC-MCR2051T1S - Fast Ethernet to SFP Managed Media Converter
GEC-MCR3001T1S - Gigabit Ethernet to SFP Media Converter
GEC-MCR3001T2S - Gigabit Ethernet to (2) SFPs Media Converter

- Up to 1.8 Miles (2.9km) (GEC-MCR2001T1CX)
- Up to 1 Mile (1.6km) (GEC-MCR2001T1TW)
- Distance Varies Based on SFP (GEC-MCR2051T1S/GEC-MCR3001T1S/GEC-MCR3001T2S)

IP - TRANSMISSION

IFS® Gigabit Fiber Ethernet (SFP)

GEC-GEDSSG244 - 24-Port Gigabit Stackable Managed Fiber Switch

- (24) 10/100/1000Mbps SFP Ports
- (8) 10/100/1000Mbps RJ45 Shared Ports
- L2 Network Management
- Advanced Security
- (2) HDMI-like 10Gbps (Full-Duplex) Stacking Ports

IP - POWER OVER ETHERNET

IFS® Industrial Ethernet over Coax/POTS Wire (PoE)

GEC-MC2514P1CXT - 4-Port Ethernet/PoE-af to Coax Media Converter
GEC-MC2504T1CXT - 4-Port Ethernet to Coax Media Converter

- 4-Port 10/100Mbps RJ45 Ports
- VDSL on Coax or Telephone Wire
- IEEE802.3-af (15.4w) Option
- Redundant Power w/Alarm Outputs
- Voltage/surge-suppression

IP - TRANSMISSION

IFS® Media Converter Rack System

GEC-MCRR15 - MCR Series Media Converter Chassis
GEC-MCRRPS - MCR Chassis Redundant Power Supply, 100~240 VAC (130W)

- Plug-and-Play Design
- Hot-swappable
- Built-in Diagnostic Indicators
- Two Rear Panel Power Bays for Redundant Power Supply Operation
- Electrically Isolated Power Bays for Highly Reliable Operation

IP - POWER OVER ETHERNET

IFS® Industrial Fast Ethernet (PoE)

GEC-NS20514P1T - 5-Port PoE Unmanaged Industrial Ethernet Switch

- 5-Port, 10/100Mbps RJ45 Ports
- (2) 1000Mbps RJ45/SFP Combo Ports
- Full Power PoE-af (15.4w) on All Ports
- L2 Network Management
- Redundant Power w/Alarm Outputs

IP - POWER OVER ETHERNET

IFS® Industrial Ethernet over Fiber (PoE/PoE+)

GEC-MC2011P1FS - Fiber to Ethernet Media Converter w/PoE Injector
GEC-MC2514P1S - 4-Port Fast Ethernet/PoE-af to 1-Port SFP Fiber Industrial Media Converter
GEC-MC3521P1S - Gigabit Ethernet/PoE-at to SFP Industrial Media Converter
GEC-MC3524P2S - 4-Port Gigabit PoE+ to 2-Port SFP Industrial Media Converter

- 1 or 4-Port RJ45 Ports
- 10/100Mbps or 100/1000Mbps
- (1) or (2) Fiber (SFP) Ports
- Distance varies based on SFP
- PoE-af (15.4w) or PoE-at (30w) Options

IP - POWER OVER ETHERNET

IFS® Fast Ethernet (PoE+)

GEC-NS25038P2C - 8-Port Fast Ethernet PoE-af/at Managed Switch
GES-NS250324P2C - 24-Port Fast Ethernet PoE-af/at Managed Switch

- (8) or (24) 10/100Mbps RJ45 Ports
- (2) 1000Mbps RJ45/SFP Combo Ports
- Full Power PoE-af (15.4w) on All Ports
- Supports PoE-at (30w)
- Robust PoE and L2 Network Management

IP - POWER OVER ETHERNET

IFS® Fast Ethernet (PoE)

GEC-GEDS82POE - 8-Port Fast Ethernet PoE-af Managed Switch
GES-GEDS242POE - 24-Port Fast Ethernet PoE-af Managed Switch

- (8) or (24) 10/100Mbps RJ45 Ports
- (2) 1000Mbps RJ45/SFP Combo Ports
- Full Power PoE-af (15.4w) on All Ports
- Robust PoE and L2 Network Management
- Advanced Security

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IP - CAMERAS (MEGAPIXEL)

Sentinel Series Outdoor Camera

IQinVision

IQE-IQ861 - Sentinel HD720p, WDR H.264 Camera, Remote Focus
IQE-IQ862 - Sentinel HD1080p, WDR H.264 Camera, Remote Focus
IQE-IQ863 - Sentinel 3 MP, WDR H.264 Camera, Remote Focus
IQE-IQ865 - Sentinel 5 MP, H.264 Camera, Remote Focus

- Resolutions up to 5MP
- Remote Back Focus, Standard or WDR models w/ Several Lens Options Available
- H.264 Main Profile + MJPEG Compression
- 60 fps @ HD720p, 30 fps @ HD1080p, 10 fps @ 5 MP
- Day/Night Movable IR Filter
- Power-over-Ethernet, 12-24 VDC, 24 VAC
- IP66 / NEMA 4 Outdoor Enclosure
- Outdoor Camera with Mounting
- ONVIF and PSIA Compliant
- 3-Year Warranty

IP - CAMERAS (MEGAPIXEL)

7 Series Camera

IQinVision

IQE-IQ761 - 7 Series HD720p, WDR H.264 Camera, Remote Focus
IQE-IQ762 - 7 Series HD1080p, WDR H.264 Camera, Remote Focus
IQE-IQ763 - 7 Series 3.6 MP, WDR H.264 Camera, Remote Focus
IQE-IQ765 - 7 Series 5 MP, H.264 Camera, Remote Focus

- Resolutions up to 5 MP
- Remote Back Focus for Sharp Focusing
- H.264 Main Profile + MJPEG Compression 60 fps @ HD720p, 30 fps @ HD1080p, 10 fps @ 5MP
- Two-Way Audio, Day/Night Movable IR Filter, and Continuous Analog Video Out
- Power-over-Ethernet, 12-24 VDC, 24 VAC
- Standard or WDR models w/ several telephoto & wide angle lens options
- Analytics and VMS at the Edge
- ONVIF and PSIA Compliant
- 3-Year Warranty

IP - CAMERAS (MEGAPIXEL)

R5 Series Bullet Camera

IQinVision

IQE-IQR51WR - HD720p, WDR, H.264, Day/Night, Built-in IR Illum.
IQE-IQR52WR - HD1080p, WDR, H.264, Day/Night, Built-in IR Illum.
IQE-IQR53WR - 3 MP, WDR, H.264, Day/Night, Built-in IR Illum.
IQE-IQR55NR - 5 MP, H.264, Day/Night, Built-in IR Illum.

- Resolutions up to 5 MP
- H.264 Main Profile + MJPEG Compression
- Wide Dynamic Range (WDR) 100dB
- Built-in IR Illumination
- True Day/Night with Moveable IR Cut Filter
- IP66 Outdoor Enclosure
- On-Camera Storage (MicroSDHC)
- Analytics and VMS at the Edge
- POE, 12V DC
- 3-Year Warranty

What is IQinVision's White Glove Service?
Q³ — White Glove Service
Quality Engineering
Quality Service
Quality Support
IQinVision is committed to providing Quality Engineering, Quality Service and Quality Support 100% of the time.
IQinVision

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IP - CAMERAS (MEGAPIXEL)

Alliance-pro Series Dome Camera

IQ inVision

IQE-IQA31 - HD720p, WDR H.264, Day/Night, Vandal Dome
IQE-IQA32 - HD1080p, WDR H.264, Day/Night, Vandal Dome
IQE-IQA33 - 3.6 MP, WDR H.264, Day/Night, Vandal Dome
IQE-IQA35 - 5 MP, H.264, Day/Night, Vandal Dome

- Resolutions up to 5 MP
- H.264 Main Profile + MJPEG Compression
- 60 fps @ HD720p, 30 fps @ SD480p and HD1080p, 10 fps @ 5 MP
- Two-Way Audio and Day/Night Movable IR Filter
- Auto-focus and WDR Models Available
- Power-over-Ethernet, 12-24 VDC, 24 VAC
- IP66 / NEMA 4 Outdoor Enclosure
- Indoor/Outdoor Vandal Resistant Dome
- ONVIF and PSIA Compliant
- 5-Year Warranty (3-year warranty applies to auto-focus models)

IP - CAMERAS (MEGAPIXEL)

Alliance-mx Series Dome Camera

IQ inVision

IQE-IQM51WR - HD720p, WDR H.264, Day/Night, Built-in IR Illum.
IQE-IQM52WR - HD1080p, WDR H.264, Day/Night, Built-in IR Illum
IQE-IQM53WR - 3MP, WDR H.264, Day/Night, Built-in IR Illum
IQE-IQM55NR - 5MP, H.264, Day/Night, Built-in IR Illumination

- Resolutions up to 5MP
- H.264 Main Profile + MJPEG Compression
- Wide Dynamic Range (WDR) 100dB
- Built-in IR Illumination
- True Day/Night with Moveable IR Cut Filter
- IP66 / NEMA 4 Outdoor Enclosure
- Two-Way Audio with Built-in Microphone
- ONVIF and PSIA Compliant
- On-Camera Storage (MicroSDHC)
- 5 Year Warranty

IP - CAMERAS (MEGAPIXEL)

Alliance-mini Series Dome Camera

IQ inVision

IQE-IQD51WV - HD720p, WDR H.264 Vandal Dome Camera
IQE-IQD52WV - HD1080p, WDR H.264 Vandal Dome Camera
IQE-IQD53WV - 3MP, WDR H.264 Vandal Dome Camera
IQE-IQD55NV - 5MP, H.264 Vandal Dome Camera

- Resolutions up to 5MP
- H.264 Main Profile + MJPEG Compression
- Wide Dynamic Range (WDR) 100dB
- On-Camera Storage (Micro SDHC)
- Two-Way Audio w/ Built-in Microphone
- True Day/Night with Moveable IR Cut Filter
- Analytics and VMS at the Edge
- Power-over-Ethernet
- ONVIF and PCIA Compliant
- 5-Year Warranty

Committed to Exceeding Your Expectations

14-Hour/Day Live Support M-F | 6 Languages | 98% Documented Satisfaction Rating | Short Hold Times | Field Support Available | Knowledgeable and Courteous Support Staff | 100% Warranty Advanced RMA | 5-Year Warranty (Dome and 3 Series Cameras Excluding AZF Models) | 3-Year Warranty (Standard, Stick and Bullet Cameras) | MTBF Tracking | Research and Development | Software API and SDK Available for Partner Integration | Comprehensive Quality Control Protocols

IQ inVision

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CONTROLLERS

Access Control Starter Kits

KANTECH

KAN-SKSE302

- Essentials for a new access control system
- Includes EntraPass Special Edition security software
- Inludes KT-300 two-door controller that links easily to a network
- Easy-to-install and easy-to-use
- Convenient and time saving

CONTROLLERS

Access Control Starter Kits

KANTECH

KAN-SKCE402 KAN-SKCE403
KAN-SKSE402 KAN-SKSE403

- Essentials for a new access control system
- Includes EntraPass security software
- Includes KT-400 four-door controller with built-in IP connectivity
- Easy-to-install and easy-to-use
- Convenient and time saving

CONTROLLERS

Access Control Expansion Kits

KANTECH

KAN-EK302 KAN-EKIP300 KAN-EKIP302

- Essentials needed to expand an access control system
- Integrates with EntraPass security software
- Includes a KT-300 two-door controller that links easily to a network
- Easy-to-install and easy-to-use
- Convenient and time saving

CONTROLLERS

Access Control Expansion Kits

KANTECH

KAN-EK400 KAN-EK402 KAN-EK403

- Essentials needed to expand an access control system
- Integrates with EntraPass security software
- Includes a KT-400 four-door controller with built-in IP connectivity
- Easy-to-install and easy-to-use
- Convenient and time saving

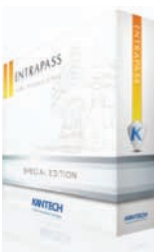
SOFTWARE

EntraPass Special Edition v6 Security Software

KANTECH

KAN-ESPEENV6 KAN-ESPEFRV6

- EntraPass Special Edition is a single workstation security software
- Fast/user-friendly installation/operation
- Embedded Sybase SQL database engine
- Built-in email reporting capability
- Double and triple reader swipe (with KT-400 controller) arms alarm & more
- Easy integration of access, video, intrusion and telephone entry systems



COMMUNICATIONS

Kantech IP Link: RS-232 to TCP/IP Interface

KANTECH

KAN-KTIP

- RS-232 to TCP/IP interface that connects door controllers to network
- Compatible with EntraPass software and uses 128-bit AES encryption
- Reduces cabling and gives controllers real-time access to information
- Integrates seamlessly into an existing TCP/IP network
- Acts as polling device, reducing network traffic

TELEPHONE ENTRY

Kantech Telephone Entry System (KTES)

KANTECH

KAN-KTESUS KAN-KTESCAN KAN-KTESCAMN
KAN-KTESHEAT KAN-EKTES3000

- Controls resident and visitor traffic.
- Stand-alone or integrates with an access control system
- Electronic directory - 250 tenant capacity, expandable to 3,000 tenants.
- Large 4-line, 20 character high contrast LCD
- Easily programmable directly from the keypad
- Vandal and weather-resistant housing
- No phone bill system kits are also available

IP - RECORDING DEVICES & CONTROL EQUIPMENT

INTEVO Integrated Security Platform (Compact)

KANTECH

KAN-INTEVOCMP1TB

- Compact, desktop format - easy to deploy integrated security platform
- Windows 7 embedded and includes customized system management software
- Integrates access control, IP video and intrusion into one common platform
- Features latest version of exacqVision video management software
- 1TB, SATA storage drive, 4 USB 2.0 ports

IP - RECORDING DEVICES & CONTROL EQUIPMENT

INTEVO Integrated Security Platform (Advanced)

KANTECH

KAN-INTEVOADV3TB

- Integrates access control, IP video and intrusion into one common platform
- Easy to configure - customized dashboard for easy system integration
- Plug and play capability
- Preconfigured for EntraPass mobile app and EntraPass Web platform
- Features latest version of exacqVision video management software
- Connect up to 32 IP cameras
- 3TB hard drive
- Integrates with DSC PowerSeries and MAXSYS intrusion alarm panels.
- Optional rack mount kit (KAN-INTEVOADVRM)

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IP - TRANSMISSION

Ethernet Media Converter

KBC-FTL1

- 10/100 Mbps Ethernet LAN fiber optic transceiver
- 1- or 2-fiber versions available on multimode of singlemode fiber
- Compact and 3U chassis card configurations
- 100BASE-FX on 2 fiber units
- Environmentally hardened

IP - TRANSMISSION

PoE+ Ethernet Media Converter

KBC-FTLS1

- 10/100 Mbps Ethernet LAN fiber optic transceiver with PoE+
- 1 or 2 fiber versions available on multimode or singlemode fiber
- 100BASE-FX on 2 fiber units
- Gigabit versions also available
- Environmentally hardened

IP - TRANSMISSION

Ethernet over Coax or Two Wire with PoE

KBC-EE2CL1KT KBC-EE2CL4KT

- Cost effective way to upgrade to IP using existing infrastructure
- 1:4 solution significantly reduces upgrade cost
- Transmission distances of up to 1.5 km
- High density rack system available
- Available in kits: 1:1, 1:2, 1:3, 1:4

IP - TRANSMISSION

5 Port Industrial PoE Switch

KBC-ESUL5PD

- 5 port 10/100 switch with 4 PoE ports (802.3af)
- DIN Rail mount (also ships with option wall mount bracket)
- Extended operating temperature range (-40 to +74C)
- Dual redundant power input with alarm output for power supply

IP - TRANSMISSION

24 port Gigabit Managed PoE+ Switch

KBC-ESMGS24P4RA

- 24 (10/100/1000) PoE+ ports plus 4 shared Gigabit SFP ports.
- All ports available with PoE+ (up to 30 watts per port-720 watt budget)
- 1U rack mount configuration
- Also available in extended temperature version

IP - TRANSMISSION

10 Port Industrial Managed PoE Switch

KBC-ESML8PPC2D

- Extended operating temperature (-40 to +74C)
- Dual redundant power input, alarm output for power supply
- DIN rail mount (also ships with wall mount bracket)
- Includes 8 (10/100) PoE ports and 2 gigabit combo ports
- SFP available in both Multimode and Singlemode variations

WIRELESS

High Throughput Wireless Ethernet System

KBC-WES2HTKT

- Up to 230+ Mbps of actual useable throughput
- High throughput system is ideal for back-hauls or megapixel cameras
- Point to Point and Point to Multipoint topologies supported
- HT systems are available in 5 Ghz and 4.9 Ghz frequency bands.

WIRELESS

High Throughput Wireless Mesh

KBC-MESH2HTAA0A

- High Throughput MESH provides up to 230+ Mbps of actual useable throughput
- Redundant ring Mesh topology for mission critical applications
- Dual Radio node provides flexibility for challenging applications
- Available in the 5 Ghz and 4.9 Ghz frequency bands

WIRELESS

Point-to-Multipoint Wireless Ethernet

KBC-WESIIACCA KBC-WESIIABBA

- A flexible, low-cost transmission option
- Data rate of up to 300Mbps (up to 100Mbps useable throughput)
- MIMO technology
- Suitable for long-range wireless deployment with high receiver sensitivity
- Other antenna options and configurations are available

WIRELESS

2nd Generation P2P Wireless Ethernet System

KBC-WESIIKT

- A flexible, low-cost transmission option
- 802.11 a/n compliant
- Data rate of up to 300Mbps (up to 100Mbps useable throughput)
- MIMO technology with built-in 17dBi dual polarization antenna
- Suitable for long-range wireless deployment with high receiver sensitivity

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CONTROLLERS

NXT - 4x4 Input/Output Expansion Module

KER-NT4X4

- 4 auxillary inputs and 4 auxillary outputs per module
- Up to 4 modules can be added per NXT-4D Controller, up to 2 modules per NXT-2D Controller
- 4-State supervision on inputs
- Re-assignable/interchangeable with controller's door I/O
- Flash memory for easy upgrades
- Powered from Controller or standalone power supply

CONTROLLERS

NXT Access Controllers

KER-NXT4D - 4 Door Xtreme Controller
KER-NXT2D - 2 Door Xtreme Controller

- On-board TCP-IP connectivity
- Ethernet (TCI-IP) network architecture between controllers and to host server
- Utilize existing LAN/WAN/Ethernet or pull your own dedicated CAT-5/6 Network
- Embedded MAX Address for one button autoconfiguration
- Standard 4 PIN block and RJ pack for network connection

CONTROLLERS

PXL Tiger Controller & SB-593 Expansion Board

KER-PXL500P - Keri MS Reader Compatible
KER-PXL500W - Wiegand Compatible
KER-SB593 - Expansion Board

- 1 door (in and out) or 2 doors
- 65K cardholders, buffers 3600 selectable events
- Up to 256 doors per site via RS-485 networking with 100% intelligence at each door
- On board LAN socket for local and remote site management with LAN-500 device

READERS/KEYPADS

MS Series Proximity Readers and Cards/Tags

KER-MS3000
KER-MS5000

- Sleek, attractive design in 4 reader styles, ultra thin profile
- Better read range performance than competing products of similar size
- Choice of lifetime card, thin photo-imageable multi-technology card, key ring tag

READERS/KEYPADS

NXT Series Proximity Readers

KER-NXT3R
KER-NXT5R
KER-NXT1R

- 3 new readers designed to work with Keri's NXT series of IP-based Controllers

TELEPHONE ENTRY

EntraGuard Telephone Entry Units

KER-EGT250 **KER-EGS750**
KER-EGP5000

- Integrated with Keri access control panels and software
- 3 attractive styles to choose from
- Hood, pedestal adapter and recessed mounting options available
- 250 users (Titanium) 750 users (Silver) or 5000 users (Platinum)
- Solid state lighting provides maintenance free illumination

SOFTWARE

PXL to Doors.Net Upgrade

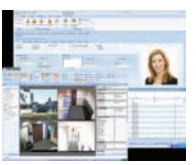
KER-DNET500UP

- Doors.NET support for existing PXL systems
- Multiple concurrent operators/sites
- Video integration
- Many added features

SOFTWARE

Doors.net - Access Control Software

KER-DOORSNET



- Software application to manage Keri's NetXtreme TCP/IP hardware platform
- Standard and Professional versions available
- Optional software modules for some specific high end functions
- Powerful features in an easy to use interface
- Thin client/server architecture for easy transportability

CREDENTIALS

Proximity Credentials

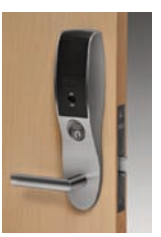
KER-NXTC **KER-NXTI** **KER-NXTK**
KER- KC10X **KER-MT10X** **KER-PKT10X**

- Wallet friendly - thinner than other comparable proximity cards
- Unique ID codes
- Lifetime warranty

ACCESSORIES

Assa Abloy Wireless and IP Locks

KER-DNETKXXX



- Aperio works with Mercury-Powered NXT Controllers
- IP and WiFi locks communicate with Doors.NET with no intervening hardware
- Mix and match with hard-wired doors on the same system

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CONTROLLERS

Keyscan Single Door PoE Equipped Access Control Unit

KES-CA150

- Equipped w/ PoE capable TCP/IP Ethernet module which reduces installation time, lengthy wiring runs & power requirements
- Provides 256 time zones, 512 time schedules, 511 group levels/64 holidays and a 6000 transaction buffer
- CA150 is a perfect solution for single or remote located door applications

CONTROLLERS

Keyscan Access Control Panels

KES-CA250 KES-CA4500 KES-CA8500 KES-EC1500 KES-EC2500

- Mix & match units to optimize system design & improved system installation
- Dual Multi-threaded processors
- 256 time zones, 512 time schedules, 511 group levels & 6000 transaction buffer
- Communication connectivity may be established with LAN/WAN or wireless LAN among other options

WIRELESS

RF Receiver RF Fobs with Proximity Chip

KES-KRX KES-KTX2

- Combines the convenience of a long range radio frequency fob with an onboard proximity chip for use at proximity HID 125kHz
- Provides an ideal solution for integrating parking gates and parking garage type applications
- Permits tracking, usage reporting & assigning access privileges including time & day restrictions when used with Keyscan access control units & software
- Four button fobs work in long range RF mode as well as standard proximity format

SOFTWARE

Keyscan Aurora Access Control Management Software

KES-AURORA

- System VII features + it delivers a new experience, more options & control
- Designed for new Keyscan hardware & intended for new installations
- Supports 45,000 cardholders (with expansion to 90,000)
- DVD now includes photo badging, visitor mgt, output module & Aurora Web (optional web license required)

COMMUNICATIONS

Keyscan Communication Equipment

KES-NETCOM2P KES-NETCOM2

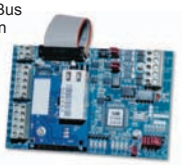
- NETCOM2P is a modular TCP/IP converter for direct installation on PC109X ACU/ECU boards, CB-485 & CIM communication boards
- NETCOM2 is ideal for providing TCP/IP LAN/WAN connectivity for a single ACU
- Encrypted versions also available (NETCOM6 & NETCOM6P)

COMMUNICATIONS

Keyscan Communication Interlink Module

KES-CIM

- Utilizes a Controller Area Network (CAN) Bus infrastructure to establish a communication network among multiple ACUs
- Impressive host of new features: ground loop protection, enhanced diagnostic capabilities, improved speed & unprecedented reliability
- Delivers impressive global communication capabilities that meet the demands of the most sophisticated access control implementations



SOFTWARE

Keyscan System VII Software

KES-SYSTEMVII

- Integrates with CCTV, Photobadging, Visitor Mgt, DSC, WEB based interface, & Active mapping which is included with System VII
- Operates in Windows 7 & 8 OS environments + 2008 & 2012 server environments
- System VII is a 32-bit application but may run on 64 bit supported OS

READERS/KEYPADS

Keyscan Proximity Reader

KES-KPROX2

- 2-in1 unit for mullion or single gang installation
- Supports certain 125kHz proximity protocols
- Works with Keyscan 125kHz compatible proximity cards (CS125-36)
- Suitable for indoor or outdoor use with read range up to 6”
- Limited lifetime warranty against defects in materials and workmanship

READERS/KEYPADS

Keyscan Proximity Reader/Keypad

KES-KKPR

- When Pin & Prox is desired use this stylish & reliable keypad/prox reader
- Blue backlit keys for low light use
- Tactile and audible tone to indicate key presses; utilizes one reader port
- Works with Keyscan 125kHz compatible proximity cards (CS125-36)
- Limited lifetime warranty against defects in materials and workmanship

READERS/KEYPADS

Contactless Mifare Smartcard Reader & Smartcard

KES-KSMART KES-KSECURE1K KES-KSECURE4K

- K-SECURE smartcard credentials work with Keyscan’s K-SMART smartcard reader
- K-SMART reader is 2-in-1 unit for mullion or single gang plate installation
- Uses industry proven non-proprietary MIFARE smartcard technology
- US Government option for FIPS 201 & TWIC compatible transparent reader

ACCESS

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IP - CAMERAS (MEGAPIXEL)

12x Optical/10x Digital Outdoor IP PTZ

KTC-KNCSPDNI120HD - IP PTZ 2.1 Megapixel/1080p, True Day/Night

- True Day/Night with ICR; (f=5mm ~ 60 mm); Min. Illumination of 0.1 Lux
- Pan 360° Endless Rotation, Tilt 180°; 210 Preset Positions; IP66, WDR/BLC
- Vector Scan plus 8 Auto Scans/8 Patterns/8 Tours (consisting of presets)
- Full IP Control + RS-485 by Pelco-D/P, others; ONVIF Profile S Support
- Choice of PoE (operation to -20°C) or 24VAC (operation to -40°C)

IP - CAMERAS (MEGAPIXEL)

IP Miniature Metal Case Camera

KTC-KNCHDI47 - 2.1 Megapixel/1080p, Indoor, Digital Day/Night

- 2.1 Megapixel, 1080p@30fps, Digital Day/Night
- Lens Options: 3.7mm or 4.3mm Pinhole
- ONVIF Profile S Support
- Micro SD/SDHC Card Slot (Max. 32 GB)
- Small Size: 2" x 1.9" x 1.4", POE/12VDC

IP - CAMERAS (MEGAPIXEL)

IP Miniature Cylinder Camera

KTC-KNCHDBI230 - 2.1 Megapixel/1080p, IP66 Weather Resistant

- 2.1 Megapixel, 1080p@30fps
- Lens Options: 3.7mm, 2.75mm wide angle
- IP66 Weather Resistant, ONVIF Profile S Support
- Optional 16Gb internal SD type Edge storage
- Small Size: 0.9"x 3.8", choose Black or White case color, POE/12VDC

IP - CAMERAS (MEGAPIXEL)

IP Zoom Box Camera

KTC-KNCHZAI302M - 2.1 Megapixel/1080p, 4.3-129mm 30x Auto-Focus Zoom

- 2.1 Megapixel, 1080p@30FPS
- Built-in 30x Auto-Focus Optical Zoom Lens (f=4.3~129mm)
- PoE or 12VDC operation
- Digital Wide Dynamic Range, True Day/Night
- Micro SD/SDHC Card Slot (Max. 32 GB)

KT&C INNOVATIVE
HIGH DEFINITION SURVEILLANCE

2 Megapixel
Miniature Network Camera

www.ktncusa.com

ONVIF

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IP - CAMERAS (MEGAPIXEL)

1080P HD IP Bus/Rail Mini-Dome Camera

LILIN

MRL-IPD6220ES

- 4.3MM Fixed Lens, 30FPS @ 1080P HD
- Vandal Resistant Bus/Rail Mini Dome Camera
- 1/2.7" CMOS, 1-Way Audio Capability
- IP Rating 67 and Vandal Rating IK8
- PoE, 5W Power Supply

IP - CAMERAS (MEGAPIXEL)

3MP HD Vari-Focal IP IR Camera

LILIN

MRL-IPR434ESX36

- 3.3 – 12MM Vari-Focal Lens, 15FPS @ 1080P HD
- Outdoor Bullet Camera with IP Rating 66
- Built-In IR Illumination with 55m Distance
- 1/2.8" CMOS, 2-Way Audio Capability
- PoE+, 17W or 20W

IP - CAMERAS (MEGAPIXEL)

2MP 1080P HD Vari-Focal Outdoor IP IR Vandal Dome

LILIN

MRL-ZR6122EX3

- 3 – 10.5MM Vari-Focal Lens, 30FPS @ 1080P HD
- Indoor/Outdoor Vandal Dome Camera
- Built-In IR Illumination with 25m Distance
- 1/2.7" CMOS, IP Rating 67 and Vandal Rating IK10
- Remote Auto Focus, 2-Way Audio Capability, PoE or 12V DC

IP - CAMERAS (MEGAPIXEL)

2MP 1080P HD Vari-Focal Indoor IP IR Camera

LILIN

MRL-ZR2322EX3

- 3 – 10.5MM Vari-Focal Lens, 30FPS @ 1080P HD
- Indoor Dome Camera with Built-In IR Illumination 25m
- 1/2.7" CMOS
- Remote Auto Focus
- 2-Way Audio Capability, PoE or 12V DC

IP - CAMERAS (MEGAPIXEL)

20X Optical Zoom 1080P HD Indoor Speed Dome PTZ

LILIN

MRL-IPS5204ES

- 20X Optical Zoom
- 30FPS @ 1080P HD
- Indoor Speed Dome PTZ
- 1/2.7" CMOS, 2-Way Audio Capability
- PoE+, 24V AC, 100-240V AC

IP - CAMERAS (MEGAPIXEL)

20X Optical Zoom 1080P HD Outdoor Speed Dome PTZ

LILIN

MRL-IPS4204S

- 20X Optical Zoom
- 30FPS @ 1080P HD
- Outdoor Speed Dome PTZ with IP rating 67
- 1/2.7" CMOS, 2-Way Audio Capability
- 24V AC, 100-240V AC

IP - CAMERAS (MEGAPIXEL)

5MP 360 Degree Panorama Dome IP Camera

LILIN

MRL-FD2452E

- 1.05mm Fixed Lens, 30FPS @ 1080P HD
- Indoor Fisheye Camera
- Audio/Motion Detection
- 1/2.5" CMOS, 2-Way Audio Capability
- PoE, 12V DC, 8 or 9.2W

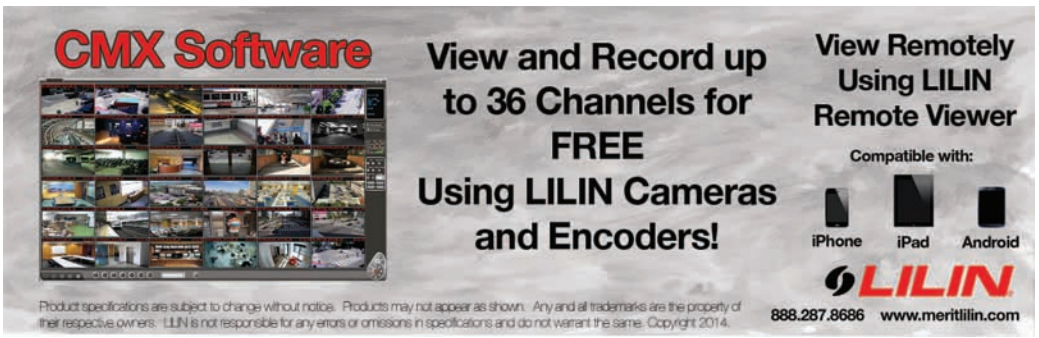
IP - RECORDING DEVICES & CONTROL EQIPMENT

108 Channel Max HD Server w/Intel Xeon Processor

LILIN

MRL-CMX1108

- Up to 108 Channels @ 1080P/3M/5M
- Intel Xeon Processor, Built-In Hardware RAID System
- Supports up to 24 x 3.5" (24 X 4TB) Hot-Swap HDDs
- 6 Monitors Support, up to 36 Channel Video Display
- Failover, Video Archive, and Smart Search Support
- Supports LILIN IP Cameras & Encoders


CMX Software
View and Record up to 36 Channels for FREE Using LILIN Cameras and Encoders!
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TELEPORT by LOGENEX

Windows phone Coming Soon

TELEPORT is a next generation IP door entry system that provides the ultimate in convenicence with two way audio and video in the palm of your hand. Industry leading SIP/VOIP for two way audio and video streaming to mobile phones utilizing h.264 real time video compression with clarity at modest bandwidth. TELEPORT supports Android, iOS and Windows Phone coming soon. Windows soft phone client available as well. TELEPORT supports up to five clients to accomodate the variety of devices in your household whether tablets or mobile phones.

Enjoy the same features as *TeleDoorBell* with access to three relays to integrate a door strike, doorbell or other 3rd party device. New to TELEPORT is an available input to trigger instant recording or snapshots.

The TELEPORT system also suppports SIP/VOIP cameras that provide audio and video to your smartphone allowing you to keep an eye on on your children or children's caregiver in your abscnece.

Feature Highlights

- Answer the door from anywhere in the world
- Android and iPHONE supported. Windows Phone Coming Soon
- Local and Cloud Recording
- Pre and Post recording on button press or motion
- Motion based calling
- 3 Relays for control of 3rd Party devices
- Alarm input for user defined actions

DON'T OPEN YOUR *door* TO THE UNKNOWN

Single Zone Audio Monitoring Kit

LOUROE ELECTRONICS

L0E-LE047

- Single Zone Audio Monitoring Kit
- Compatible with Most Cameras and Recorders
- Picks Up All Sounds Within 15'
- Ideal for Connecting Audio to IP Cameras
- Contains a Verifact A, an IF-1 interface, an RCA cable, 12Vdc Power Supply

Two Way Intercom

LOUROE ELECTRONICS

L0E-LE128

- Provides for Two Way Audio Over IP
- Connects Directly to Most IP Cameras
- Dry Contact Pushbutton to Trigger Alarm Inputs
- Audio Wall Surface Mount Speakerphone
- Line Level Audio Input and Output

LOUROE
ELECTRONICS
World Leader in Audio Monitoring Technology Since 1979
WHAT CAN LOUROE DO FOR YOU?
Connecting Your Audio Senses To Your IP Cameras Was Never This Easy!
ALARM VERIFICATION • DETERRENCE & PREVENTION
ADDITIONAL EVIDENCE • QUALITY ASSURANCE
MADE IN THE USA
For more information about Louroe's products, please visit us at:
www.louroe.com, call us at (800) 927-6498.

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CARBON MONOXIDE DETECTORS

UL Listed System Carbon Monoxide Detector

MAC-CME1 - UL Listed

- UL listed
- 9-32 VDC Input
- Flush or Surface Mount Enclosure
- N.O. or N.C. Alarm Relay, N.C. Trouble Relay
- Long Life 7 year Electrochemical Sensor

CARBON MONOXIDE DETECTORS

Carbon Monoxide Detector, Controller & Transducer

MAC-CM6 - ETL Listed to UL 61010-1, CAN/CSA C22.2 No 61010-1, LADBS Approved

- ETL Listed to UL 61010-1, CAN/CSA C22.2 No 61010-1, LADBS Approved
- 12-24 VAC or 12-32 VDC input
- 5A SPDT Fan Relay, 0.5A N.O. or N.C. Alarm Relay
- Analog 4-20 mA Output over 0-200 ppm of CO Range
- Digital Display (0-200 ppm of CO), Internal Buzzer

GAS DETECTORS

UL Listed System Heating Gas Detector

MAC-GD2A - UL Listed

- UL, CUL, ETL and CETL listed
- Detects Methane, Natural Gas, Propane and LP
- 9-32 VDC Input
- Flush or Surface Mount Enclosure
- N.O. or N.C. Alarm Relay, N.C. Trouble Relay

GAS DETECTORS

System Hydrogen Gas Detector

MAC-HD11

- 12-24 VAC or VDC Input
- Flush or Surface Mount Enclosure
- N.O. or N.C. Alarm Relay, N.C. Trouble Relay
- Low Maintenance Solid State Sensor
- Alarm Setting is 10% of the LEL for Hydrogen

GAS DETECTORS

System Heating Gas Detector

MAC-GD2B

- For Detection of Natural Gas, Propane, Methane and LP
- 9-32 VDC Input
- Flush or Surface Mount Enclosure
- N.O. or N.C. Alarm Relay, N.C. Trouble Relay
- Internal Alarm Buzzer
- UL, CUL, ETL and CETL listed

GAS DETECTORS

Combustible Gas Detector, Controller & Transducer

MAC-GD6 - ETL Listed to UL 61010-1, CAN/CSA C22.2 No 61010-1

- 12-24 VAC or 12-32 VDC input
- 5A SPDT Fan Relay, 0.5A N.O. or N.C. Alarm Relay
- Analog 4-20 mA Output over 0-50% of LEL
- Digital Display (0-50% of LEL), Internal Buzzer
- 900 sq ft coverage

GAS DETECTORS

Nitrogen Dioxide Detector, Controller & Transducer

MAC-TX6ND - ETL Listed to UL 61010-1, CAN/CSA C22.2 No 61010-1

- ETL Listed. For detection of Diesel Exhaust Fumes
- 12-24 VAC or 12-32 VDC input
- 5A SPDT Fan Relay, 0.5A N.O. or N.C. Alarm Relay
- Coverage Area: 5,000 sq ft
- Analog 4-20 mA Output over 0-20 ppm of NO2
- Digital Display (0-20 ppm of NO2), Internal Buzzer

GAS DETECTORS

Ammonia Detector, Controller & Transducer

MAC-TX6AM - ETL Listed to UL 61010-1, CAN/CSA C22.2 No 61010-1

- ETL Listed. For detection of Ammonia Gas
- 12-24 VAC or 12-32 VDC input
- 5A SPDT Fan Relay, 0.5A N.O. or N.C. Alarm Relay
- Analog 4-20 mA Output over 0-20 ppm of Ammonia.
- Digital Display (0-100 ppm of Ammonia), Internal Buzzer
- 900 sq ft coverage

GAS DETECTORS

Gas Detection and Ventilation Control Panel

MAC-DVP120 - ETL Listed to UL 508A, CAN/CSA-C22.2 No. 14-13, LADBS Approved

- 120-240 VAC input
- ETL Listed, LADBS Approved
- 12 analog (4-20mA) input channels
- Three 16A SPDT Fan / Alarm Relays
- External display show system and sensor status
- Compatible with Macurco CM-6, GD-6 and TX-6 Sensors

GAS DETECTORS

Modbus RS-485 Adapter for 6-Series Detectors

MAC-MRS485

- Converts the 4-20mA analog signal from 6-Series Detector to Modbus-RTU
- Transmits a digital signal for use with multipoint addressable systems
- Attaches to the back of any Macurco 6-Series detector with a single screw
- Tricolor LED indicates power, test and communication status
- Uses the same power as the 6-Series Detector, no addition power required

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GAS DETECTION Macurco

Protection
Prevention & Value

Fixed gas detection equipment for residential and commercial applications.

AERIONICS

Manufactured by Aerionics, Inc. Sioux Falls, SD - Phone: 1-877-367-7891 - E-mail: info@aerionics.com - www.macurco.com

IP - CAMERAS (MEGAPIXEL)

3MP Short Range License Plate Capture Camera

MESSOA

MES-LPR606

- Close-range (16-50ft), multi-lane LPR in high definition
- Capture speed up to 38 mph
- True day/night with built-in IR for 24/7 surveillance
- Installer-friendly 3-axis cable concealed bracket, external lens adjustment
- Outdoor ready with built-in heater powered by PoE

IP - CAMERAS (MEGAPIXEL)

2MP 1080p Mid Range License Plate Capture Camera

MESSOA

MES-LPR610

- 2MP 1080p resolution, H.264, multiple-lane coverage, 15-50mm lens
- Mid-range capture (50-100ft), high speed capture speed up to 64mph
- Profile management, Intelligent Traffic Mode designed for LPR applications
- Built-in IR LED with night vision
- Outdoor ready camera (IP66), salt resistant, cable management bracket

IP - CAMERAS

2MP 1080p Super Long Range LPR Camera

MESSOA

MES-NCH517

- 2MP 1080p resolution, H.264, multiple-lane coverage, 8-80mm lens
- Long range capture (100-300ft), High speed capture speed up to 112mph
- Profile management, Intelligent Traffic Mode designed for LPR applications
- Outdoor ready camera (IP66), salt resistant, cable management bracket
- Bundle kit of LPR615 Camera and SLI080 External 850nm high power IR LED

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VEHICLE DETECTION

Drive-Alert Vehicle Detection System - Buried Sensor

MIP-DA500 - Includes control panel w extra contacts and sensor

- Sensor(s) detect vehicles or movement of assets and sends a signal to panel
- NO FALSE alarms from animals, wind, heat, etc.
- Receiver can easily be used to turn on lights, open gates, activate surveillance, and much more
- Add wireless DA-068 and DA-070 chimes, or hard-wired DA-655 chimes
- Add wireless DA-606 lights or hard-wired DA-505 lights to any system
- The MIP-DA-500 is a hard cabled system and comes with 100' of cable
- Cable available up to 2500' is available
- Mier also offers reliable Wireless Drive-Alert models!
- Call Mier for help picking the system that is perfect for you application!

VEHICLE DETECTION

Wireless Drive-Alert Vehicle Detection Systems

MIP-DA605 - Triggers plug-in and portable chimes for an alert
MIP-DA600 - Triggers a whistle in the control panel for alert

- Wireless systems allow for quick and easy installation with NO trenching!
- 1000' range to receiver, and up to 3000' with the DA-606 Antenna accessory
- Activates your choice of alerts when vehicles approach, with NO FALSE alarms from animals, wind, heat, etc.
- DA600 and DA605 systems have contacts to activate lights, gates, DVRs, etc.
- DA-ROCK1 accessory easily hides and protects the sensor by the driveway
- Easily add wireless DA-068 and DA-070 chimes, or hard-wired DA-655 chimes
- Add wireless DA-606 lights, or hard-wired DA-505 lights to any Drive-Alert

DETECT VEHICLES and EQUIPMENT MOVING
DRIVE-ALERT VEHICLE DETECTION SYSTEMS
• Detect vehicles or movement of equipment and trigger alerts
• NEW accessories activate sound and/or lights in any room or outdoors
• All systems have extra contacts which allow them to easily activate NVRs/DVRs, gates, signs, alarms, etc.
DA-600 Wireless Drive-Alerts activate a whistle in the control panel
DA-605P Wireless Drive-Alerts activate plug-in and/or portable chimes
DA-500 Buried-Sensor Drive-Alerts activate a whistle in the panel
Visit our website or give us a call for information and help choosing the best Drive-Alert for your application!
Free Lifetime Installation Support and Technical Support
Proudly Made In The USA for over 25 years!
We've Got You Covered
Mier PRODUCTS, INC.
800-473-0213 | www.mierproducts.com | info@mierproducts.com

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ENCLOSURES, PLATES & RACKS

Non-Metallic Outdoor Enclosures UL listed and NEMA rated

MIP-BWL663 - 6"W x 6"H x 3"D with snap latch. NEMA4X, 6/6P
MIP-BWL982 - 8"W x 9"H x 2.5"D with snap latch. NEMA4X, 6/6P
MIP-BWSL1084 - 8"W x 10"H x 4"D with stainless latch. NEMA4X
MIP-BWSL12106 - 10"W x 12"H x 6"D with stainless latch. NEMA4X
MIP-BWSL16147 - 14"W x 16"H x 7"D with stainless latch. NEMA4X
MIP-BW242410 - 24"Wx24"Hx10"D with polycarbonate latches. NEMA4X
MIP-BWL863 - 6"W x 8"H x 3"D with snap latch. NEMA4X, 6/6P
MIP-BWSL864 - 6"W x 8"H x 4"D with stainless latch. NEMA4X
MIP-BWSL12104 - 10"W x 12"H x 4"D with stainless latch. NEMA4X
MIP-BWSL14126 - 12"W x 14"H x 6"D with stainless latch. NEMA4X
MIP-BWSL181610 - 16"W x 18"H x 10"D with stainless latch. NEMA4X
MIP-BWFC16147 - Fan-ventilated NEMA3R enclosure. 14"W x 16"H x 7"D

- Perfect for WiFi, TeleCom, WLAN and corrosive environment installations!
- Back panels, panel stack kits, vents, pole-mounts and clear doors available
- Add a "C" at the end of the part numbers for an enclosure with a clear door
- Mier offers many more outdoor or indoor temperature controlled enclosures!

ACCESSORIES

Rack Enclosures, Drawers and Shelves

MIP-BWRMD1 - Sturdy rack mount drawer, 19"W x 4"H x 24"D
MIP-BW3RU - Three unit high rack shelf, 19"W x 5"H x 24"D
MIP-BW5RU - Five unit high rack shelf, 19"W x 8"H x 24"D
MIP-BW230 - 5RU, Rack-mount, locking, Fan-ventilated Lockbox
MIP-BW235 - 3RU, Rack-mount, locking, Fan-ventilated Lockbox
MIP-BWRACKBOX - Indoor rack enclosure with 19" 12RU-rack and fan
MIP-BWRACKCART - BWRACKBOX with wheel castors
MIP-BWRACKFC - Outdoor rack enclosure with 19" 12RU-rack and fan
MIP-BWRACKACE - Outdoor rack enclosure with 12RU-rack and AC unit
MIP-BWRACKACHT - Outdoor rack enclosure with 12RU-rack, AC and heater

- Mier Products' rack units are made to last and include all mounting hardware
- All of Mier's Rack Enclosures include a lock with two keys
- BW230, BW235, BWRACKBOX, BWRACKCART and BWRACKFC include a 120V fan
- BWRACKACE and BWRACKACHT include a 2000 BTU air-conditioner
- BWRACKACHT also includes a 500W heater

In-Stock and Ready to Drop-Ship!
Rack Products
• Indoor and Outdoor 12-RU Temperature Controlled Rack Enclosures with racks included
• Indoor Rack Carts with racks included
• Rack-mountable NVR/ DVR Fan-Ventilated Lockboxes
• Rack Shelves
• Rack Drawers
No minimum to order
Proudly Made In The USA for over 25 years!
We've Got You Covered
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Metal and Non Metallic Outdoor Enclosures

MIP-BW117 - 10W x 12H x 6D with a screw cover and knockouts
MIP-BW118 - 6"W x 8"H x 4"D with a screw cover and knockouts
MIP-BW119L -10"W x 12"H x 6"D, gasket, lock, ¼ turn latches
MIP-BW120 - 6"W x 8"H x 4"D, gasket, lock, ¼ turn latches
MIP-BW121 - 14W x 18H x 10D with a drip shield and lock
MIP-BW1248BP - NEMA 4, 24x24x8, lock, gasket, removable panel
MIP-BW124BP - NEMA 4, 24x24x12, lock, gasket, removable panel
MIP-BW136BP - NEMA 4, 24x36x12, lock, gasket, removable panel
MIP-BWSL181610 -NEMA 4x, Non-Mettalic, 16x18x10, stainless latch
MIP-BWSL16147 - NEMA 4x, Non-Mettalic, 14x16x7, stainless latch
MIP-BWSL12106 - NEMA 4x, Non-Mettalic, 10x12x6, stainless latch

MIP-BWL663 - NEMA 4x/6-6P, Non-Mettalic, 6x6x3, snap-latch
MIP-BWL982 - NEMA 4x/6-6P, Non-Mettalic, 8x9x3, snap-latch

- NOTE: These units are also available with AC units, heaters, fans, etc
- Many accessories are available for Mier's outdoor enclosures
- Mier offers MANY more sizes and styles!

ENCLOSURES, PLATES & RACKS

DVR, NVR, CPU and Game Console Lockboxes - Indoor

MIP-BW200 - 20"W x 8"H x 20"D, Standard style with fan, lock
MIP-BW201 - 16"W x 5"H x 16"D, Standard style with fan, lock
MIP-BW224 - 20"W x 8"H x 24"D, Standard style with fan, lock
MIP-BW225 - 20"W x 5"H x 20"D, Standard style with fan, lock
MIP-BW230 - 19"W x 8"H x 24"D, Rack-Mount style with fan, lock
MIP-BW235 - 19"W x 5"H x 24"D, Rack-Mount style with fan, lock
MIP-BW240 - 8"W x 20"H x 20"D, Tower style with fan, lock
MIP-BW244 - 8"W x 20"H x 24"D, Tower style with fan, lock
MIP-BWRACKBOX - 22"W x 24"H x 24"D Rack Enclosure with 12RU rack
MIP-BWRACKCART - 22"W x 24"H x 24"D Rack Enclosure, 12RU rack, 4 wheels

- Includes a 120V continuous duty fan (12V available)
- Includes a lock, removable top door, electrical ports, and louvers
- MIP-BW215 Wall-Mount Kit accessory allows you to wall-mount any of these units
- See Mier's outdoor temperature controlled enclosures for outdoor installation

PROTECT
AND VENTILATE
YOUR ELECTRONICS
• Indoor Lockboxes with fans
• Indoor Rack-Mountable Lock boxes with fans
• Indoor Tower Lockboxes with fans
• NEMA 3R Outdoor/Indoor Lock-boxes with fans and thermostats
• NEMA 4 Outdoor/Indoor Lock-boxes with Air-conditioning and Heat with thermostat
• NEMA 3R Outdoor/Indoor Rack Enclosures with fans and thermostats
• NEMA 4 Outdoor/Indoor Rack Enclosures with Air-conditioning and Heat with thermostats
In-Stock and Ready to Drop-Ship!
NVR, DVR & CPU LOCKBOXES
50 Different Models
• Metal or Polycarbonate
• Indoor or Outdoor
• With fans, heaters, air-conditioning, or air-conditioning and heat
• Standard, Rack-Mountable, Tower, Wall-Mountable, and NEW 12-RU Rack Lockboxes
Proudly Made In The USA for over 25 years!
Mier PRODUCTS, INC.
We've Got You Covered
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Temperature Controlled NEMA Enclosures

MIP-BW1248ACHT - NEMA4, 24x24x8 with 800 BTU AC unit and 150W Heater
MIP-BBW1248ACE - NEMA4, 24x24x8 with 800 BTU AC unit (no heater)
MIP-BW1248FC - NEMA3R, 24x24x8 with fan, filter, rain shrouds
MIP-BW242410ACHT - NEMA4X, 24x24x10 with 800 BTU AC unit and 150W Heater
MIP-BW242410ACE - NEMA4X, 24x24x10 with 800 BTU AC unit (no heater)
MIP-BW124ACHT - NEMA4, 24x24x12 with 2000 BTU AC unit, 500W heater
MIP-BW124FC - NEMA3R 24x24x12 with fan, filters and rain shrouds
MIP-BW136ACE - NEMA4, 24x36x12 with 2000 BTU AC unit (no heater)
MIP-BWRACKACHT - NEMA4 22x24x24 with AC unit, heater, internal rack
MIP-BWRACKFC - NEMA3R 22x24x24 with fan, filters, internal rack
MIP-BWFC16147 - NEMA3R, 16x14x7 with fan, filters, rain shrouds
MIP-BWFC242410 - NEMA3R, 24x24x10 with fans, filters, rain shrouds
MIP-BW124ACE - NEMA4, 24x24x12 with 2000 BTU AC unit (no heater)
MIP-BW136ACHT - NEMA4, 24x36x12 with 2000 BTU AC unit, 500W heater
MIP-BW136FC - NEMA3R 24x36x12 with fan, filters and rain shrouds
MIP-BWRACKACE - NEMA4 22x24x24 wth AC unit, internal rack, no heat
MIP-BWFC181610 - NEMA3R, 18x16x10 with fan, filters, rain shrouds

- Protect fire-panels, DVRs, cameras, gate systems, etc. mounted outdoors!
- UL listed AC units, Heaters, Thermostats, and Fans regulate temperature
- Enclosures include water channel, gaskets, exterior mounts, removable doors
- Several accessories are available
- Add “W” or “C” to the end of these part numbers for a window in the door
- Mier also offers several INDOOR DVR and CPU fan-ventilated lockboxes
- Custom Temperature Controlled Enclosures available for quantities of 25+

PROTECT
Fire Panels,
NVRs, Security and
Electrical Equipment
In-Stock and Ready to Drop-Ship!
Temperature Controlled Enclosures
50 Different Models
NEMA 4 Outdoor/Indoor Enclosures with:
• Air-Conditioning and Heat
• Air-Conditioning only
• Heat only or
• Enclosure only
NEMA 3R Outdoor/Indoor Enclosures with:
• 81, 131 or 300 cubic ft/min fans
Indoor DVR & CPU Lockboxes with:
• 120 volt fans or
• 12 volt fans
Proudly Made In The USA
for over 25 years!
We've Got You Covered
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Document Lock Boxes

MIP-BWDOCBOX - 15” W x 13” H x 4” D
MIP-BWDOCBOX2 - 11” W x 15” H x 4” D

- Store Keys, Binders, Documents and CDs near equipment you’ve installed
- Includes labels for: Fire Alarm Documents, As Built Permits, Test and Maintenance Documents
- Expandable bungee secures binders, smoke/carbon monoxide testers, etc
- Door bracket holds three sets of keys, two CDs, and more records or labels
- Lock with two keys included
- Smaller BW-DocBox2 available without a door bracket

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Temperature Controlled NEMA Enclosures

MIP-BW124ACHT -NEMA 4, 24x24x12 with 2000 BTU AC unit, 500W Heater
MIP-BW136ACHT - NEMA 4, 24x36x12 with 2000 BTU AC unit, 500W Heater
MIP-BW1248ACHT - NEMA 4, 24x24x8 with 800 BTU AC unit and 150W Heat
MIP-BW124FC -NEMA 3R, 24"W x 24"H x 12"D with a filtered fan
MIP-BW136FC -NEMA 3R, 24"W x 36"H x 12"D with a filtered fan
MIP-BW1248FC - NEMA 3R, 24"W x 24"H x 8"D with a filtered fan
MIP-BWFC16147 - NON METALLIC, NEMA 3R, 14x16x7 with a filtered fan
MIP-BWFC181610 - NON METALLIC, NEMA 3R, 16x18x10 with filtered fan

- Protect fire-panels, DVRs, cameras, gate systems, etc mounted outdoors!
- UL listed AC units, Heaters, Thermostats, and Fans regulate temperature
- Enclosures include water channel, gaskets, exterior mounts, removable doors
- Several accessories are available

ENCLOSURES

Non-Metallic Outdoor Enclosures UL listed and NEMA rated

MIP-BWL663 - 6"W x 6"H x 3"D with snap latch. NEMA4X, 6/6P
MIP-BWL863 - 6"W x 8"H x 3"D with snap latch. NEMA4X, 6/6P
MIP-BWL982 - 8"W x 9"H x 2.5"D with snap latch. NEMA4X, 6/6P
MIP-BWSL864 - 6"W x 8"H x 4"D with stainless latch. NEMA4X
MIP-BWSL12104 - 10"W x 12"H x 4"D with stainless latch. NEMA4X
MIP-BWSL14126 - 12"W x 14"H x 6"D with stainless latch. NEMA4X
MIP-BWSL181610 - 16"W x 18"H x 10"D with stainless latch. NEMA4X
MIP-BWFC16147 - Fan-ventilated NEMA3R enclosure. 14"W x 16"H x 7"D
MIP-BWFC242410 - Fan-ventilated NEMA3R enclosure. 24"W x 24"H x10"D
MIP-BW242410ACHT - NEMA4X with 2000BTU AC & 500W heater 24"Wx24"Hx10"D

MIP-BWSL1084 - 8"W x 10"H x 4"D with stainless latch. NEMA4X
MIP-BWSL12106 - 10"W x 12"H x 6"D with stainless latch. NEMA4X
MIP-BWSL16147 - 14"W x 16"H x 7"D with stainless latch. NEMA4X
MIP-BW242410 - 24"Wx24"Hx10"D with polycarbonate latches. NEMA4X
MIP-BWFC181610 - Fan-ventilated NEMA3R enclosure. 16"W x 18"H x10"D
MIP-BW242410ACE -NEMA4X enclosure with 2000BTU AC. 24"Wx24"Hx10"D

- Perfect for WiFi, TeleCom, WLAN and corrosive environment installations!
- Back panels, panel stack kits, vents, pole-mounts and clear doors available
- Add a "C" at the end of the part numbers for an enclosure with a clear door
- Mier offers many more outdoor or indoor temperature controlled enclosures!

Over 60 models:

- **SL Series** are UL Listed and all NEMA 2, 3, 3R, 3S, 4, 4X air-tight & non-corroding, 5, 12 and 13!
- **L Series** are UL Listed and include all NEMA ratings of the SL Series PLUS NEMA 6/6P Submersible!
- **FC Series** include a fan and thermostat and are NEMA 3R
- **ACE Series** include an 800 BTU Air-Conditioner and are NEMA 4
- **ACHT Series** include an 800 BTU Air-Conditioner and 150 - Watt Heater and are NEMA 4

No minimum to order

Mier Enclosures In-Stock and Ready to Drop-Ship!

Polycarbonate Outdoor Enclosures

Perfect for wireless installations! Mount your antenna or transmitter inside!
Also perfect for extreme installation sites such as:

- Marine/Shipping sites
- Coastal Areas
- Irrigation applications
- Wastewater treatment plants
- Pools

...and other indoor or outdoor extremes!

Accessories for every model include: clear doors, back-panels, pole-mount kits, DIN rails, vents, heaters, and more!

Proudly Made In The USA for over 25 years!

We've Got You Covered

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ENCLOSURES

Metal and Non metallic Outdoor Enclosures

MIP-BW117 - 10W x 12H x 6D with a screw cover and knockouts
MIP-BW118 - 6"W x 8"H x 4"D with a screw cover and knockouts
MIP-BW119L -10"W x 12"H x 6"D, gasket, lock, ¼ turn latches
MIP-BW120 - 6"W x 8"H x 4"D, gasket, lock, ¼ turn latches
MIP-BW121 - 14W x 18H x 10D with a drip shield and lock
MIP-BW1248BP - NEMA 4, 24x24x8, lock, gasket, removable panel
MIP-BW124BP - NEMA 4, 24x24x12, lock, gasket, removable panel
MIP-BW136BP - NEMA 4, 24x36x12, lock, gasket, removable panel
MIP-BWSL181610 -NEMA 4x, Non-Mettalic, 16x18x10, stainless latch
MIP-BWSL16147 - NEMA 4x, Non-Mettalic, 14x16x7, stainless latch
MIP-BWSL12106 - NEMA 4x, Non-Mettalic, 10x12x6, stainless latch

MIP-BWL663 - NEMA 4x/6-6P, Non-Mettalic, 6x6x3, snap-latch
MIP-BWL982 - NEMA 4x/6-6P, Non-Mettalic, 8x9x3, snap-latch

ENCLOSURES

Junction and Electrical Enclosures

MIP-BW98 - 7"W x 8"H x 3.5"D
MIP-BW101 - 15"W x 18"H x 4"D
MIP-BW108 - 11.25"W x 11.25"H x 3.5"D
MIP-BW309 - 7"W x 8"H x 5.5"D

MIP-BW99 - 11"W X 15"H X 4"D
MIP-BW106 - 12"W x 12"H x 4"D
MIP-BW109 - 7.25"W x 12"H x 3.5"D
MIP-BW310 - 12"W x 12"H x 5.5"D

- Durable enclosures with multiple electrical knockouts, cam lock knockout, and screw-down cover
- Standard beige. However, many other colors are available
- Many models available with removable back panels
- HUNDREDS OF OTHER SIZES AND STYLES are available from Mier Products
- Mier also offers NEMA 4X non-metallic enclosures for wireless installations
- Mier also offers NEMA 4 outdoor temperature controlled enclosures
- Mier also offers bell, siren, speaker, DVR and CPU lockboxes
- Mier also offers Rack-Mount enclosures, drawers, and shelves
- Custom enclosures are available for quantities of 25 or more!

Hundreds of models including:

- BW-98B - 7 x 8 x 3.5
- BW-98BP - includes a back panel
- BW-99B - 11 x 15 x 4
- BW-99BP - includes a back panel
- BW-100 - 11 x 15 x 4 with louvers
- BW-101B - 15 x 18 x 4
- BW-101BP - includes a back panel
- BW-102G - 20 x 24 x 5
- BW-102BP - includes a back panel
- BW-103G - 24 x 30 x 6
- BW-103BP - includes a back panel
- BW-104B - 9 x 12 x 4.5
- BW-106B - 12 x 12 x 4
- BW-106BP - includes a back panel
- BW-108B - 11.2 x 11.2 x 3.5
- BW-108BP - includes a back panel
- BW-109B - 7.25 x 12 x 3.5
- BW-109BP - includes a back panel

No minimum to order

Mier Enclosures In-Stock and Ready to Drop-Ship!

Electrical Enclosures

- ✓ Electrical Enclosures
- ✓ Junction Boxes
- ✓ Non-Metallic Enclosures
- ✓ Outdoor Enclosures
- ✓ Flush-Mount Cabinets
- ✓ Transformer Covers
- ✓ Bell Boxes
- ✓ Siren & Speaker Cabinets
- ✓ Document Boxes
- ✓ Fan-Ventilated Enclosures
- ✓ Rack Enclosures
- ✓ Custom Enclosures
- ✓ Air-Conditioned and/or Heated Enclosures

Proudly Made In The USA for over 25 years!

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Milestone Husky™ M50 Rack-Mounted NVR

MIL-HM507*10 - 10 Channel NVRs, i7 CPU, 8 or 16GB RAM versions, 8x1TB HDD to 8x3TB HDD/RAID
MIL-HM507*20 - 20 Channel NVRs, i7 CPU, 8 or 16GB RAM versions, 8x1TB HDD to 8x3TB HDD/RAID
MIL-HM507*40 - 40 Channel NVRs, i7 CPU, 16GB RAM, 8x1TB HDD to 8x3TB HDD/RAID
MIL-HM507*80 - 80 Channel NVRs, i7 CPU, 16GB RAM, 8x1TB HDD to 8x3TB HDD/RAID

- Preinstalled with XProtect® VMS (32GB solid state drive for O/S + VMS
- Unlimited scalability- connect NVRs with Interconnect™, master/slave option
- Customizable- add-on cameras, 50 preconfigured options, open platform
- Supports XProtect add-ons, 3rd-party software, free Customer Dashboard
- Sophisticated surveillance with 3-year warranty + software upgrade plan

Milestone Husky™ M30 Workstation NVR

MIL-HM305*10 - 10 Channel NVRs, i5 CPU, 4 - 16GB RAM versions, 4x1TB HDD
MIL-HM307*10 - 10 Channel NVRs, i7 CPU, 4 - 16GB RAM versions, 2x 1TB HDD or 4x1TB HDD
MIL-HM305*20 - 20 Channel NVRs, i5 CPU, 4 - 16GB RAM versions, 4x1TB HDD
MIL-HM307*20 - 20 Channel NVRs, i7 CPU, 4 - 16GB RAM versions, 4x1TB HDD

- Preinstalled with XProtect® VMS (32GB solid state drive for O/S + VMS)
- Unlimited scalability- connect NVRs with Interconnect™, master/slave option
- Customizable- add-on cameras, 50 preconfigured options, open platform
- Supports XProtect add-ons, 3rd-party software, free Customer Dashboard
- Comprehensive surveillance with 3-year warranty + software upgrade plan

Milestone Husky™ M10 Small NVR

MIL-HM10A111N00008 - 8 channels, fan-less, 4GB RAM, 1x1TB HD

- High-performance NVR preinstalled with Milestone video management software
- Simple set up - automatic camera discovery/licensing, configuration wizards
- Connect multiple units with Interconnect™ for unlimited scalability
- Entry-level surveillance functionality - PTZ, view/playback, video export
- Free Customer Dashboard - installer monitors system health, resolves issues

THE PERFECT MATCH
Why stop at software?
Combining its award-winning video management software with high-performance hardware, Milestone Systems now offers the Milestone Husky™ series – customizable and scalable NVR solutions.
Learn more: www.milestonehusky.com
MILESTONE HUSKY™ SERIES
Video surveillance your way

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SURGE PROTECTORS

MMS Series Surge Suppressors

MMP-MMS370 - 7-outlet w/ child safety covers
MMP-MMS370T - 7-outlet w/ child safety covers
MMP-MMS570 - Ruggedized 7-outlet
MMP-MMS110 - Single outlet wall-tap
MMP-MMS130C - 3-outlet wall-tap w/ fax/phone
MMP-MMS362P - -outlet strip twin pack (2 units)

- Standard series surge protection products
- Models with T in name offer telephone protection
- MMS370 & MMS370T models offer sliding safety covers
- All units are UL1449 certified
- Limited Lifetime Warranty and up to $75,000 connected equipment protection

SURGE PROTECTORS

MMS Slimline Series Surge Supressors

MMP-MMS686SCT - Slimline 8-outlet w/ coax, network, safety covers
MMP-MMS130RC - Slimline 3-outlet wall tap w/ coax for HDTVs
MMP-MMS660S - Slimline 6-outlet wall tap
MMP-MMS664S - Slimline 6-outlet strip

- Slimline series surge suppression products for compact spaces
- MMS130RC features side-facing outlets ideal for wall-mount TV installs
- MMS686SCT features child safety covers, transformer-spaced outlets
- All units UL 1449 Certified

SURGE PROTECTORS

MMS Rotating Series Surge Suppressors

MMP-MMS760RCT - 6-outlet wall tap w/ rotating outlets
MMP-MMS780R - 8-outlet strip w/ 6 rotating outlets & cord mgmt
MMP-MMS7100RT - 10-outlet strip w/ 5 rotating outlets
MMP-MMS7120RCT - 12-outlet strip w/ 8 rotating outlets

- Rotating Outlets Series Surge Suppressors
- Rotating outlets to accommodate multiple transformer blocks
- Coax protection (C) and phone/fax protection (T) on select models
- Limited lifetime warranty and up to $200,000 connected equipment protection

REMOTE POWER MANAGERS

RPM Series 2-Port Remote Power Management Unit

MMP-RPM1521 - 2-port, 15-amp, compact rack-mountable, 120V

- Remotely manage power to up to 2 devices from anywhere in the world
- Compact unit suitable for tight installs; rack mountable
- Configure and control through any web browser (PCs, smartphones, tablets)
- Notifies of power events & lockups via email or SMS; auto reboot capable
- Reduce power consumption, save service calls to reboot locked devices

POWER DISTRIBUTION

RPM Series 8/16-Port Remote Power Management Units

MMP-RPM1581HVN - 8-port, 15-amp, 1U/0U rackmount, 120V
MMP-RPM20161VN - 16-port, 20-amp, 0U rackmount, 120V
MMP-RPM2082HVI - 8-port, 20-amp, 1U/0U rackmount, 208V
MMP-RPM20162VI - 16-port, 20-amp, 0U rackmount, 208V

- Remotely manage power to up to 16 devices from anywhere in the world
- Horizontal/vertical (HV) or vertical-only (V) rack-mountable
- NEMA 5-15 (N) or IEC320 (I) receptacles
- Configure and control through any web browser (PCs, smartphones, tablets)

UPS PRODUCTS

SNMP Communication Cards

MMP-SNMPNV6 - IpV4/V6 compliant SNMP card for ED, E, PRO-RT UPSs
MMP-SNMPNET - SNMP Management card for ED, E, PRO-RT UPSs

- Connects select Minuteman UPSs to the network via RJ45 cable
- Monitor and manage multiple UPSs from any computer on the network
- SNMP-NV6 features IPv4, IPv6; SNMPv1, v2C, and v3 compatibility
- SNMP-SSL Supports SSL, SSH, HTTPs, and SNMPv3 security protocols
- Environmental, smoke, water, door, vibration monitoring devices available

UPS PRODUCTS

Enterprise Plus LCD UPS Systems

MMP-E750RT2U - 750VA **MMP-E1000RT2U** - 1000VA UPS
MMP-E1500RT2U - 1500VA **MMP-E2000RT2U** - 2000VA UPS
MMP-E3000RT2U - 3000VA

- Standard Runtime Model - this model does not feature a connection for external battery packs (RT2U Units only)
- Load shedding - extends the time of critical applications without adding external battery packs
- Independent Battery Bypass
- Easy to read front panel LCD display

UPS PRODUCTS

Enterprise Plus LCD UPS Systems

MMP-E750RTXL2U - 750VA **MMP-E1000RTXL2U** - 1000VA UPS
MMP-E1500RTXL2U - 1500VA **MMP-E2000RTXL2U** - 2000VA UPS
MMP-E3000RTXL2U - 3000VA

- Load shedding - extends the time of critical applications without adding external battery packs
- Independent Battery Bypass
- Virtually unlimited extended runtime for critical applications (RTXL2U units only)
- Independent battery pack chargers - reduces battery recharge times
- Easy to read front panel LCD display

UPS PRODUCTS

Endeavor True On-Line UPS Systems

MMP-ED1000RM2U - 1000VA
MMP-ED1500RM2U - 1500VA **MMP-ED2000RM2U** - 2000VA
MMP-ED3000RM2U - 3000VA **MMP-ED6000T** - 6000VA
MMP-ED10000T - 10000VA **MMP-ED6200RM** - 6000VA

- True on-line double conversion UPS technology
- Designed for mission critical applications
- 6,000 and 10,000VA Tower; 6,200VA Rack mount
- 6,000 and 10,000VA units can be configured for parallel or redundant up to 24kVA
- Unlimited runtime capability via external battery packs

SURGE PROTECTORS

Endeavor 5, 6, 8, and 10KVA Series

5-10KVA, Online Rack/Tower 208VAC Input & 120/208VAC output
MMP- ED5000RTXL - 50000VA **MMP- ED6000RTXL** - 60000VA
MMP- ED8000RTXL - 80000VA **MMP- ED10000RTXL** - 10000VA

- 120VAC/208VAC models with standard receptacles.
- Parallelable to 20kVA. Scalable capacity to grow with the customer's loads
- Automatic Internal Bypass
- Independent Battery Bypass
- Cold Start Function. Start UPS even without utility power

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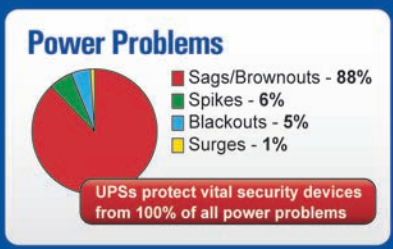
Security Systems form 360° of Protection: Reliable power is the key to it all.

Minuteman's complete line of power protection solutions forms a barrier between the security system and the potential power problems it can face. **Trust your reputation to Minuteman: the leader in security power protection.**


Power Problems
Sags/Brownouts - 88%
Spikes - 6%
Blackouts - 5%
Surges - 1%
UPSs protect vital security devices from 100% of all power problems

MINUTEMAN POWER TECHNOLOGIES by Para Systems, Inc.

UPS Sizing made easy:
http://www.sizeups.com/3232.html

UPS PRODUCTS

Enspire UPS Systems

MMP-EN400 - 400VA Standby UPS, 6 Outlets (3 Battery, 3 Surge)
MMP-EN600 - 600VA Standby UPS, 6 Outlets (3 Battery, 3 Surge)
MMP-EN750 - 750VA Standby UPS, 8 Outlets (4 Battery, 4 Surge)
MMP-EN900 - 900VA Standby UPS, 8 Outlets (4 Battery, 4 Surge)

- Designed for small system requirements
- LCD display for status, runtime monitoring (EN750, EN900)
- High efficiency Green-mode operation (EN750, EN900)
- Two transformer-friendly spaced outlets perfect for AC adapters
- Three-year parts & labor warranty, two-year battery

UPS PRODUCTS

Entrust UPS Systems

MMP-ETR500 - 500VA Slimline UPS
MMP-ETR700 - 700VA Slimline UPS
MMP-ETR1000 - 1000VA Slimline UPS
MMP-ETR1500 - 1500VA Slimline UPS

- Designed for security applications, slimline form ideal for tight installs
- 8 Outlet (4 battery/4 surge) UPS with Automatic Voltage Regulator (AVR)
- Fax/modem/network protection
- Built-in USB communications port, SentryPlus™ software included
- Three-year parts & labor warranty, two-year battery

UPS PRODUCTS

CPE UPS Systems

MMP-CPE1000 - 1000VA Tower UPS
MMP-CPE2000 - 2000VA Tower UPS
MMP-CPE3000 - 3000VA Tower UPS

- On-line, double conversion
- True sine wave output
- Power factor correction (PFC) guards internal UPS components from stress and damage
- Unlimited runtime with daisy-chained external battery packs

UPS PRODUCTS

Pro-RT Series UPS Systems

MMP-PRO1000RT - 1000VA 2U Rack or Tower UPS
MMP-PRO1500RT - 1500VA 2U Rack or Tower UPS

- Rack & tower mount hardware included, optional wall mount kit available
- Line interactive UPS technology with Automatic Voltage Regulator (AVR)
- LCD Display shows UPS Status, estimated runtime, input/output voltage
- Built-in USB comm, SNMP card optional; SentryPlus® software included
- Three-Year Parts & Labor Warranty

For orders please call 888 874 3336 (Branch Locations) or 800 366 4472 (Technical Sales) Visit us on the web at www.tri-ed.com

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IP - CAMERAS (MEGAPIXEL)

Mobotix DualDome Camera D15

MOB-MXD15DISEC

- Camera with 2 individual 5 MP image sensors and lenses, panorama available
- Enhanced light sensitivity, clear color images also in low light conditions
- Microphone & speaker w/ full audio functionality (VoIP and SIP w/ video)
- Decentralized System - On-board image processing - minimal network load
- No moving parts, temp range -22°F-+60°F, low consumption, under 5 watts PoE

IP - CAMERAS (MEGAPIXEL)

Mobotix Monodome Camera D25

MOB-MXD25MSEC

- FixDome camera for flexible mounting, for indoor and outdoor
- Exchangeable lenses from Super Wide Angle (82°) to Tele (13°)
- Internal DVR (up to 64 GB), recording without network load
- Optional vandalism On-Wall and In-Ceiling sets

IP - CAMERAS (MEGAPIXEL)

Mobotix Hemispheric Camera Q25

MOB-MXD25DISEC

- Hemispheric 360° allround view for complete room monitoring
- Newest MOBOTIX 5MP sensor technology with up to 30 fps and improved zoom
- Optimized image quality and reduced motion blur even in poor light
- Intelligent movement sensors (MxActivitySensor) Reduces false alarms by 90%
- Digital continuous PTZ without mechanically moving the camera
- Robust and maintenance-free, without mechanically moving parts
- Simultaneous Quad-display of all four room corners
- Integrated DVR for long-term on board recording without network load

IP - CAMERAS (MEGAPIXEL)

MX2WIRE Media Converter

MOB-MX2WIRESETPW

- Adapter set to transfer via Ethernet and PoE using a two-wire cable
- Two-wire cables are used to connect 10/100MB Ethernet devices
- Ideal to connect e.g. a PC, WLAN, IP camera, IP telephone, IP door station
- Data transfer distance up to 500 meters; data rate up to 30 Mbps
- Connected devices are supplied with up to 7 watts via PoE
- Simple installation in standard socket frames or surface-mounted sockets
- Developed and manufactured by MOBOTIX in Germany
- Does not require a separate power connection.
- Uses existing two-wire or coax connection eliminating additional cabling.

Security-Vision-Systems
Complete HiRes Video Solutions
high-resolution, digital & cost-effective recording
MOBOTIX CORP • New York (NY) • Phone: 888-MOBOTIX (662 6849)
us-sales@mobotix.com • Made in Germany • www.mobotix.com
MOBOTIX

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IP - CAMERAS (MEGAPIXEL)

Dual Day/Night Camera M15

M0B-MXM15DSEC

- Indoor/outdoor weatherproof Camera -30 to +60 °C (-22 to +122 °F) IP 65
- 5MP Dual lens camera with interchangeable sensor modules, 12 modules avail
- Dual Hemispheric, day/night modules available w/ lenses from 360° to 13°
- Intelligent movement sensors (MxActivitySensor) Reduces false alarms by 90%
- Speaker and microphone for two-way communication
- On-board image processing- Internal DVR recording without network Load
- MicroSD Slot (recording inside the camera, up to 64 GB; 4-GB card preinstal
- Weatherproof MxBus and MiniUSB allows direct extra connections
- Low power consumption with under 5 watts (PoE supply).
- Integrated environment sensors (PIR, outside temperature, vibration sensor)

IP - CAMERAS (MEGAPIXEL)

FlexMount Camera S15

M0B-MXS15DISEC

- One S15D replaces up to eight standard cameras, detailed wall-to-wall image
- Dual Hemispheric, day/night modules available w/ lenses from 360° to 13°
- On-board image processing- Internal DVR recording without network load
- MicroSD Slot (recording inside the camera), up to 64 GB; 4-GB card preinsta
- Intelligent movement sensors (MxActivitySensor) Reduces false alarms by 90%
- Mobile Certified - For buses, trains and other types of vehicles
- Indoor/outdoor weatherproof Camera -30 to +60 °C (-22 to +122 °F) IP 65
- Two separately connected, miniature sensor modules, cables up to 6.3 feet
- Image sensor and microphone integrated directly into the sensor module
- Functional expansion via MiniUSB and MxBus connector
- Low Total Cost - Low power consumption with under 5 watts (PoE supply)

IP - CAMERAS (MEGAPIXEL)

AllroundDual M15 Thermal IP Camera

M0B-MXM15DTHERMALL43 - Horizontal angle of 45°
M0B-MXM15DTHERMALL65 - Horizontal angle of 25°
M0B-MXM15DTHERMALL135 - Horizontal angle of 17°

- Dual Sensor - Thermal & Optical sensors IP66 MEGAPIXEL Camera
- 50 mK and a temperature measuring range of from -40 to +1022°F
- Capable of detection in complete darkness and through smoke & Fog
- Combined with the MxActivitySensor, eliminates false alarms by 90%
- Low power consumption of max. 5.5 W

Can be combined with any M15 Optical (Color or Monochrome) Lens

IP - CAMERAS (MEGAPIXEL)

Mobotix Allround Camera M25

M0B-MXM25MSEC

- Indoor/outdoor weatherproof Camera -30 to +50 °C (-22 to +122 °F) IP 66
- Latest MOBOTIX 5MP image sensor technology delivers excellent image quality
- Intelligent movement sensors (MxActivitySensor) Reduces false alarms by 90%
- Internal DVR (up to 64 GB), recording without network load
- Lens options, horizontal angle 180° panorama to 7° telephoto

ACCESSORIES

MX-GPS-Box

M0B-MX0PTGPS1EXT

- GPS timer for MOBOTIX cameras
- Protection class IP65, -22°F to +140°F
- Provides external temperature and light intensity
- Provides precise system time for one or more integrated cameras
- Power consumption less than one watt

IINTERCOMS

Mobotix Hemispheric IP Video Door Station T25

M0B-MXT25MSECD12

- Superior overview with complete view from wall to wall and floor to ceiling
- Extremely light-sensitive 5 MP sensor - 360° Hemispheric camera w/ vPTZ
- Full two-way communication intercom with Lip-synchronous sound
- Event-controlled recording
- RFID Access Module (backlit) with BellRFID: 1-5 bell buttons or KeypadRFID
- Mobile Remote Access with Free MOBOTIX Premium IOS App
- VoIP/SIP-Srever and/or Client Built in
- Modular system is customizable, and adaptable to suit specific needs
- Activities triggered by doorbell, motion sensors or electrical contacts
- Power supply via network cable or (already existing) bell wire

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TRANSMISSION

CCTV IP PoE Extender

MUX-500111 MUX-500111*2PK - 2 pack

- Preserve investment in legacy coax
- Ease of migration to IP surveillance
- Connects IP PoE camera to 10/100BaseT PoE Switch via single coax cable
- Up to 1,600 ft (500m) @ 10Mbps @ 7W
- Up to 330 ft (100m) @ 100Mbps @ 14W
- Used in pairs

The CCTV IP PoE Extender allows one IP camera to be connected via a single 75-ohm coax cable a point-to-point configuration*. The product works in pairs and the power consumption is low enough so that it does not load the PoE source or switch. The maximum distance depends on the grade of coax cable and the power consumption of the camera.

TRANSMISSION

CCTV IP Extender Kit

MUX-500110

- Extend distance between IP camera and 10/100BaseT LAN
- Supports up to two IP cameras
- Cat5e/6 or coax link
- Up to 650 ft (200m) @ 100Mbps
- Up to 1 mile (1.6 km) @ 25Mbps

The CCTV IP Extender Kit allows any CCTV IP camera to be connected over extended distance via Cat5e or coax cable. The 500110 supports up to two IP cameras up to 650 ft (200m) at 100 Mbps and up to 1 mile (1.6km) at 25Mbps.

TRANSMISSION

LongReach CCTV IP PoE Extender Kits

MUX-500112 MUX-50011230W - NEW! Use with 30W cameras
MUX-500114 - NEW! Up to 1km!

- Supports one IP PoE camera via one coax cable
- Supports CCTV IP PoE cameras up to 15.4W
- Up to 1000 ft (300m) via coax @ 100Mbps/15.4W
- Up to 330 ft (100m) on the LAN connection
- LED indicators for power, IP traffic, 100Mbps
- Optional 48VDC power supply (500113)
- Includes wall-mount brackets

The Long Reach CCTV IP PoE Extender Kit allows one CCTV PoE IP camera (up to 15.4 Watts) to be connected up to 1000 ft (300 m) via a single 75-ohm coax cable in a point-to-point configuration to a PoE LAN switch.

TRANSMISSION

3 Port Rackmount Transceiver Chassis

MUX-500905

- Space efficient - 1U height
- One-piece design
- Latching mechanism for secure installation
- Supports up to three transceivers
- Snap-in design for ease of installation
- Includes four (4) rackmount screws and washers
- Slot number silkscreen on front and rear

TRANSMISSION

16 Port Rackmount IP Transceiver Chassis

MUX-500905
MUX-500906 - Powered

- Chassis capable of supplying POE power to all receivers! (model 500909)
- Space efficient - 3U height
- One-piece design
- Thumbscrew mechanism for secure installation
- Supports up to sixteen transceivers
- Includes four rackmount screws and washers (500908)
- Blank filler modules (500907) & additional brackets (500908) sold separately

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MuxLab

www.muxlab.com

Upgrading to IP CCTV Just Got Easier.

Introducing the Rackmount Powered IP Transceiver Chassis

Supports A Wide Variety of IP Over Coax Solutions!

Powered model supplies POE power to all receivers
Supports multiple distances, up to sixteen transceivers
Space efficient - 3U height

MEET OUR WINNING LINE-UP:

Model 500112

CCTV IP Extender Kit, Up to 1 Mile
Part # 500110*

CCTV IP PoE Extender, Up to 330 Ft. @ 100Mbps
Part # 500111*

LongReach CCTV IP PoE Extender Kit, Up to 1000 Ft. @ 100Mbps
Part # 500112

LongReach CCTV IP PoE Extender Kit, Use with 30W Cameras
Part # 500112-30W

LongReach CCTV IP PoE Extender Kit, Up to 1KM
Part # 500114

3 Port Rackmount Transceiver Chassis
Part # 500905

16 Port Rackmount IP Transceiver Chassis
Part # 500906

16 Port Rackmount Powered IP Transceiver Chassis
Part # 500909

*Do not fit in models 500905, 500906, 500909

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IP TRANSMISSION

Ethernet over Coax EoC™ IP/PoE Transmission

NVT-NVEC1701KIT1 - Single Camera EoC™ Transmission System Kit
NVT-NVEC1701KIT2 - Two Camera EoC™ Transmission System Kit
NVT-NVEC1701KIT3 - Three Camera EoC™ Transmission System Kit
NVT-NVEC1701KIT4 - Four Camera EoC™ Transmission System Kit

- Transmits 10/100 BaseT Full Duplex Ethernet to 3,400´over RG-59
- Powers PoE devices up to 48/56 VDC, 60 watts via coax
- One EoC at the network-end supports multiple IP cameras/devices
- Up to 4 transceivers can be rack mounted on an NVRMEC16 supports 16 cameras
- Transparent network connectivity, supports all protocals
- Easy configuration, no PC required
- Limited lifetime warranty

IP TRANSMISSION

Ethernet over 2-Wire Eo2™ Transmission System

NVT-NVEC1701UKIT1 - Single Camera Eo2™ Transmission System Kit
NVT-NVEC1701UKIT2 - Two Camera Eo2™ Transmission System Kit
NVT-NVEC1701UKIT3 - Three Camera Eo2™ Transmission System Kit
NVT-NVEC1701UKIT4 - Four Camera Eo2™ Transmission System Kit

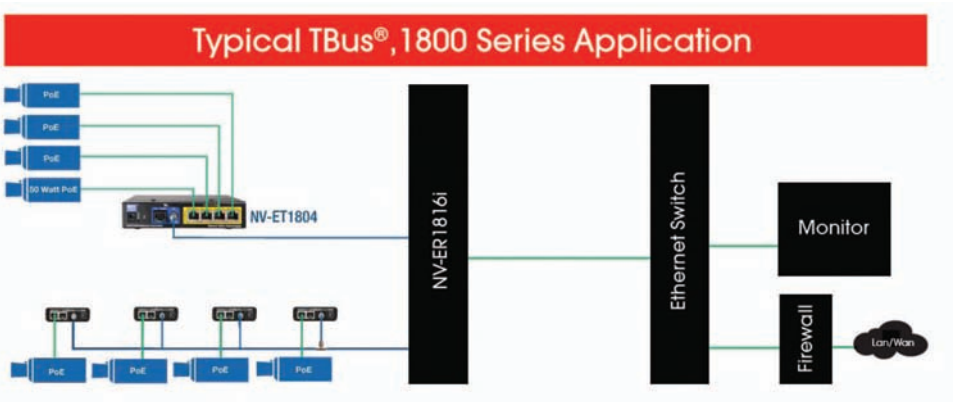
- Use legacy cable to reduce installation and the cost of IP deployment
- Supports IP, and megapixel cameras and any IP device
- Simple configuration, no PC required
- One EoC at the network-end can support multiple remote EoC Trans/devices
- (4) Eo2 trans can be rack mounted on an NVRMEC16U Tray support 16 devices
- Limited lifetime warranty

IP TRANSMISSION

TBus® IP Transmission System ~ IP over Any Cable

NVT-NVET1801 - TBus® Single Port IP PoE Transmitter/Receiver
NVT-NVET1804 - TBus® Four Port IP PoE Transmitter
NVT-NVER1804 - TBus® Four Port IP PoE Receiver
NVT-NVER1808I - TBus® Eight Port IP PoE Receiver
NVT-NVER1816I - TBus® Sixteen Port IP PoE Receiver

- Perfect solution for phased or total migration to IP using legacy cable
- Transmit IP at distance over any type of copper cable
- Transmit IP over any topology, star, serial, daisy chain or any combination
- Allows connection of multiple IP devices to be connected to a single cable
- Hubs use built-in 250 Watt power supply to deliver multichannel PoE
- TBus is a ECO friendly Green solution allowing use of legacy cable to be re-purposed
- Lower installation costs, leverage customer's cable infrastructure investment
- Lower facility down-time during migration installation



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IP - SOFTWARE

Ocularis PS

ONS-OCPS - Ideal for C-Stores, Gas Stations, Retail Systems

- Up to 26 cameras per recorder
- Support for over 3,200 IP cameras and encoders models
- Integration with video analytics, access control, POS, ATM, LPR, and PSIM
- Critical Camera Failover
- Camera NVR support for select camera models

PS

IP - SOFTWARE

Ocularis IS

ONS-OCIS - All of the features of PS, plus:

- Up to 64 cameras per recorder
- Recorder event management
- Remote VideoWall support
- Network archiving capability
- Mix & Match feature for reduced installation costs

IS

IP - SOFTWARE

Ocularis CS

ONS-OCCS - All of the features of IS, plus:

- Unlimited cameras per recorder
- OpenSight option for multi-system collaboration

CS

IP - SOFTWARE

Ocularis LS

ONS-OCLS - All of the features of CS, plus:

- Centralized recorders management
- Edge recording for network failure backup
- Unlimited archiving schedules
- Multicast and unicast client streaming support
- Recording of bi-directional audio

LS

IP - SOFTWARE

Ocularis ES

ONS-OCES - All of the features of LS, plus:

- Recording Server Failover and hot-standby
- Multi-archive and video grooming
- Video recording encryption

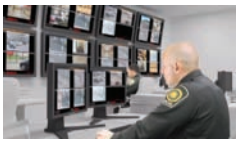
ES

IP - SOFTWARE

VideoWall Add-on

ONS-OCVWMB - VideoWall Add-on for Ocularis IS and above

- Any number of cameras, displays and simultaneous operators
- Enterprise-scale command and control center
- Video Collaboration between operators
- Map-based navigation



IP - SOFTWARE

Third-party Access Control Integration Add-on*

ONS-CONTACTSALES - Access control integration

- Bi-directional communication integration
- Add-ons with CCure, Axis, and Lenel, with more to follow
- Individual integration features many differ
- Please contact sales for more information

IP - SOFTWARE

OpenSight Add-on

ONS-OCOS1C - OpenSight Add-on for Ocularis CS and above

- Access to multiple video surveillance systems in a single interface
- Improves situational awareness and event responsiveness
- Extensive user rights administration abilities
- Integration of video and events from multiple Ocularis entities

OnSSI's award-winning Ocularis® VMS

- Scalable, flexible, and affordable
- Open architecture, non-proprietary software
- Supports over 3,200 cameras and encoders
- Mix & Match all Ocularis models to reduce installation cost
- Never lose sight with Critical Camera Failover

Learn what Ocularis can do for you at **www.OnSSI.com**

or speak with a Tri-Ed representative.

OnSSI Smarter Surveillance for a Safer World

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OpenEye® CUTTING EDGE VIDEO SOLUTIONS

2MP High Resolution PTZ Domes

ONVIF

- 18x optical zoom
- True day / night
- IP66 (outdoor model)
- H.264 and MJPEG
- High speed belt drive

OPE-CM816 (Outdoor)
OPE-CMM806 (Indoor)

2MP High Resolution Mini Domes

ONVIF

- 2MP (1080p HD)
- WDR model available
- H.264 and MJPEG
- Power over Ethernet
- Quad streaming

OPE-OEC7112 (IP66)
OPE-OEC6112
OPE-OEC6112W (WDR model)

5MP IP Box Camera

ONVIF

- True day / night
- C / CS mount (lenses sold separately)
- Power over Ethernet
- Quad streaming

OPE-CM650

Outdoor High Resolution Domes

ONVIF

- 3MP models available
- True day / night
- IP66 weatherproof rating
- Quad streaming

OPE-OEC7163
OPE-OEC7163-A (Autofocus)
OPE-OEC7163-R (IR model)
OPE-OEC7163-AR (Autofocus + IR)
OPE-OEC7312-AWR (Autofocus, IR, WDR model)

2MP Outdoor IR IP Bullet Cameras

ONVIF

- IP66 weatherproof rating
- True day / night
- H.264 / MJPEG
- On-board heater
- Quad streaming

OPE-CM722I
OPE-CM722AI (Autofocus lens)
OPE-CM722VF (Varifocal lens)

2MP High Resolution IR Dome

ONVIF

- 3 ~ 6mm varifocal lens
- 3-axis positioning
- 24 IR illuminators
- H.264 and MJPEG
- Power over Ethernet

OPE-OEC6412-R

2MP In-Ceiling Cameras

ONVIF

- Remotely repositionable
- Flush in-ceiling mount
- 2MP (1080p) resolution
- True day / night
- True WDR

OPE-OEC6012-R (Fixed IR)
OPE-OEC6022-AP (Repositionable PTZ)
OPE-OEC6022-FP (Repositionable PT)

2MP Surface Mount Cameras

ONVIF

- Remotely repositionable
- IP66 weatherproof rating
- True day / night
- True WDR

OPE-OEC7012-R (Fixed IR)
OPE-OEC7022-AP (Repositionable PTZ)
OPE-OEC7022-FP (Repositionable PT)

16 Ch. Super Hybrid Recorder

ONVIF

- 16 hybrid channels
- Up to 12TB storage
- ReportStar ready
- Dual NIC standard
- Rack mount w/ locking front

OPE-OESH4816

Mini 16 Ch. Super Hybrid

ONVIF

- 16 hybrid channels
- Up to 8TB storage
- Integrated 16 Channel 240 IPS analog encoder
- ReportStar ready

OPE-OESHM2416

Network Video Recorder

ONVIF

- IP camera discovery and configuration
- ReportStar ready
- Dual NIC standard
- Expandable IP channels

OPE-OEN3U

Micro Network Video Recorder

ONVIF

- IP camera discovery and configuration
- ReportStar ready
- Dual NIC standard
- Expandable IP channels

OPE-OENM (Micro)

openeye.net

IP - POWER OVER ETHERNET

Control IP Cameras Via Video Monitoring Software

OPT-PIE1 - PoE IP Encoder

- Allows OPTEX sensors to be easily added to a VMS powered security network
- 2 RJ45 (one as the network input, one as a pass-through output)
- Fits in a standard double-gang box
- Acts as power-splitter and Redwall Event Command encoder
- Send the ASCII alarm command(s) back to the network

IP - POWER OVER ETHERNET

PIR Detectors for Volumetric Detection Coverage

OPT-SIP5030 - Wide Angle PIR with PoE option
OPT-SIP100 - Long Range PIR with PoE option

- Use OPTEX PIE-1 to integrate into popular VMS options
- 3 independent alarm output ideal for PTZ camera control (SIP-100)
- 2 in 1 detector with an independent creep zone sensor unit (SIP-5030)
- 7.6ft to 13ft mounting height
- Anti-vandalism functions including anti-masking and anti-rotation

IP - POWER OVER ETHERNET

Redbeam IP Photoelectric Infrared Trip Wire

OPT-RBM60QN - 200' IP Photoelectric Detector
OPT-RBM100QN - 350' IP Photoelectric Detector

- Generates alarm when an intruder breaks the perimeter line
- Pre-bundled with OPTEX PoE IP encoder, PIE-1
- Easy integration w/ VMS generating ASCII codes (Redwall Event Codes)
- Easy installation and adjustment

IP - POWER OVER ETHERNET

Redscan IP or Analog Class-1 Laser Detector

OPT-RLS3060SH - Indoor / Outdoor Class-1 Laser Detector

- Large area coverage: 100' Horizontal radius or 50'High x 200' Vertical Wall
- Can be integrated into popular VMS solutions
- Technology that tracks multiple people in large area
- Provides customized and precise detection areas to drive PTZ's
- Works in all environments such as no-light, drastic elevation changes, snow

IP
OPTEX
Sensing Innovation
Sensing Solutions for IP CCTV Systems
Redwall IP detectors from OPTEX are advanced products specifically designed for professional video surveillance systems. Harnessing a variety of proven infrared and laser detection technology, Redwall IP detectors can offer a complete detection solution for various external perimeter security systems integrated with IP CCTV products, including advanced integration with Genetec and complete integration with the Milestone software platform. Redwall IP products offer better video verification and control of your perimeter in various conditions, improving efficiency and reducing false alarms.
PoE
Power over Ethernet
OPTEX
Sensing Innovation
www.optexamerica.com
www.twitter.com/optexamerica
www.facebook.com/optexamerica

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IP - CAMERAS (MEGAPIXEL)

Network Bullet Camera

Panasonic

PAN-WVSP102 - VGA/640 x 480 H.264
PAN-WVSP105 - HD/1,280 x 960 H.264 with 2x Extra Zoom

- 720p images up to 30 fps; 1.3 Megapixel high sensitivity MOS Sensor (SP105)
- 0.32 Megapixel high sensitivity MOS Sensor (SP102)
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- 2x extra zoom under VGA resolution (SP105) 2x, 4x digital zoom from browser

IP - CAMERAS (MEGAPIXEL)

Megapixel Network Camera

Panasonic

PAN-WVSP306 - HD/1,280 x 960 H.264 True Day/Night with ABF
PAN-WVSP305 - HD/1,280 x 960 H.264
PAN-WVSP302 - SVGA/800 x 600 H.264

- Progressive scan ensures clear images with motion blur and no tearing
- Supports H.264/MPEG-4/ JPEG video streams
- High sensitivity with automatic calibration for more details
- Panasonic Uniphier® technology for optimal performance
- Face detection for better subject identification

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic HD Vandal Resistant Dome

Panasonic

PAN-WVSW155 - HD / 1,280 x 960 H.264 Network Camera

- 720p HD images up to 30 fps & 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity with Day & Night: 0.8 lx (Color), 0.6 lux

IP - CAMERAS (MEGAPIXEL)

Compact Dome Network Camera

Panasonic

PAN-WVSF135 - HD/1,280 x 960 H.264 Dome with 2x Extra Zoom
PAN-WVSF132 - VGA/640 x 480 H.264 Dome Network Camera

- 720p HD images up to 30 fps (WV-SF135)
- 1.3 (WV-SF135) / 0.32 (WV-SF132) Megapixel high sensitivity MOS Sensor
- Multiple H.264 and JPEG streams
- High sensitivity Day /Night: 0.8 lx (Color) 0.6 lx (B/W) at F2.2 (WV-SF135)

IP - CAMERAS (MEGAPIXEL)

SuperDynamic Megapixel Vandal Resistant Fixed Dome

Panasonic

PAN-WVNW502S - SD Megapixel Vandal Resistant Network Camera

- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- Up to 30 fps full frame transmission at 1,280 x 960 image (1.3 Megapixel)
- Super Dynamic and Adaptive Black Stretch (ABS) technologies
- 128x wider dynamic range for exceptional images in virtually any condition

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD PTZ Dome Network Camera

Panasonic

PAN-WVSC385

- 720p HD images up to 30 fps; 1.3 Megapixel double speed MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's LSI platform & Super Dynamic and ABS technologies
- 18x optical zoom with 12x digital zoom enabling 216x zoom
- 36x extra optical zoom under VGA resolution with 12x digital for 432x total

IP - CAMERAS (MEGAPIXEL)

HD Vandal-Resistant Fixed Dome Network Camera

Panasonic

PAN-WVSF346 - Indoor HD Network Camera

- 720p HD images up to 30fps 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic HD Vandal Resistant Fixed Dome

Panasonic

PAN-WVSW355 - HD Vandal Resistant Fixed Dome Network Camera

- 720p HD images up to 30 fps; 1.3 Megapixel high sensitivity MOS Sensor
- Multiple H.264 & JPEG streams for real time monitoring & high res recording
- UniPhier®, Panasonic's proprietary System LSI platform
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- Super Dynamic and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS (MEGAPIXEL)

Mega Super Dynamic Weather Resistant HD Dome

Panasonic

PAN-WVSW396A - SD Weather Resistant HD Dome Network Camera

- 720p HD images up to 30 fps &New 1.3 Megapixel double speed MOS Sensor
- Real time monitoring & high res recording by Panasonic UniPhier® Platform
- 36x optical zoom with 12x digital zoom-432x zoom. 72x extra under VGA
- Mega Super Dynamic and ABS technologies deliver 128x wider dynamic range
- IP66 rated water and dust resistant

IP - CAMERAS

Super Dynamic Vandal Super Dynamic Full HD PTZ Dome Network Camera

Panasonic

PAN-WVSC588

- Full HD / 1,920 x1,080 H.264 Camera featuring Optical 30x zoom.
- Super Dynamic
- 1080p HD images up to 30 fps
- Super high resolution at Full HD / 1,920 x 1,080
- 2.4 Megapixel high sensitivity MOS Sensor

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Panasonic

6 SERIES DOME NETWORK CAMERAS

- High resolution: 1920 x 1080 Full HD at up to 60fps H.264 (WV-SFV631L); 1280 x 960 HD at up to 60fps H.264 (WV-SFV611L)
- Enhanced Super Dynamic and Adaptive Black Stretch (ABS) technologies deliver 133dB wider dynamic range compared to conventional cameras
- High sensitivity with Multi Processing Noise Reduction (MNR)
- Auto Back Focus and Motorized Zoom (2.8-10mm) lens ensure easy installation
- Double SDXC/SDHC/SD memory card slots for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup recording upon network failure (H.264 / JPEG)
- Built-in IR LEDs make it possible to capture images at zero lux
- Super Chroma Compensation (SCC) ensures excellent color reproduction even when the IR cut filter is removed to gain sensitivity under low light

WV-SFV611L WV-SFV631L

Superior Image Quality for Challenging Conditions

The new Panasonic 6 Series i-PRO camera line features next-generation UniPhier® LSI processors and 60 frames per second performance in both 720p and 1080p models. The new platform offers Enhanced Super Dynamic technology, enabling an impressive 133dB video dynamic range, delivering outstanding performance even in the most dynamic and challenging lighting conditions. The new cameras all have the ability to encode up to four H.264 streams simultaneously, and feature super-high sensitivity in low light conditions, generating usable color video at less than .01 lux illumination. Dual SDXC memory card slots are also supported for high-capacity edge recording.

ENHANCED SUPER DYNAMIC RANGE

Enhanced Super Dynamic: 133db Wide Dynamic

Conventional Super Dynamic Range

6 Series

SOLUTIONS FOR SECURITY

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IP - CAMERAS

Indoor Full HD Compact Dome Network Camera

Panasonic

PAN-WVSF138

- Full HD / 1,920 x1,080 H.264 Network Camera featuring Super Dynamic
- Wide coverage : Horizontal: 100°, Vertical: 81 °(3 megapixels [4:3])
- Low profile design for discrete installation
- 1080p HD images up to 30 fps, 3.1 Megapixel high sensitivity MOS Sensor

IP - CAMERAS

360° Super Dynamic Dome Network Camera

Panasonic

PAN-WVSF438

- 360° monitoring with a wide variety of transmission modes
- Panorama, Double Panorama, Quad PTZ, Single PTZ, and Quad streams H.264
- 1080p Full HD images up to 30 fps
- Combining enhanced *UniPhier*® Panasonic's proprietary System LSI Platform
- Multiple H.264 (High profile) streams and JPEG streams

IP - CAMERAS

Super Dynamic Vandal Resistant Dome Network Camera

Panasonic

PAN-WVSW458

- 360° Super Dynamic Vandal Resistant Dome
- Super Dynamic
- 1080p Full HD images up to 30 fps
- Combining enhanced *UniPhier*® Panasonic's proprietary System LSI platform

IP - CAMERAS

Super Dynamic HD Dome Network Camera

Panasonic

PAN-WVSFN611L

- HD / 1,280 x 960 60 fps H.264 Network Camera featuring Super Dynamic
- 1080p Full HD / 720p HD images up to 60 fps
- Approximate 1/3 inches, high sensitivity MOS Sensor

IP - CAMERAS

Super Dynamic Full HD Dome Network Camera

Panasonic

PAN-WVSFN631L

- Full HD / 1,920 x 1,080 60 fps H.264 Network Camera featuring Super Dynamic
- 1080p Full HD / 720p HD images up to 60 fps
- Approximate 1/3 inches, high sensitivity MOS Sensor
- Super high resolution at Full HD/ 1,920 x 1,080

IP - CAMERAS

Super Dynamic HD Vandal Resistant Dome Network Camera

Panasonic

PAN-WVSFR611L

- HD / 1,280 x 960 60 fps H.264 Vandal Resistant Network Camera
- Super Dynamic
- 1080p Full HD / 720p HD images up to 60 fps
- Approximate 1/3 inches, high sensitivity MOS Sensor

IP - CAMERAS

Super Dynamic Full HD Vandal Res Dome Network Camera

Panasonic

PAN-WVSFR631L

- Full HD / 1,920 x 1,080 60 fps H.264 Vandal Resistant Network Camera
- Super Dynamic
- 1080p Full HD / 720p HD images up to 60 fps
- Approximate 1/3 inches, high sensitivity MOS Sensor
- Super hi-res, Full HD/1,920 x 1,080 created by high sensitivity MOS Sens

IP - CAMERAS

Super Dynamic HD Vandal Resistant Network Camera

Panasonic

PAN-WVSFV611L

- HD / 1,280 x960 60fps H.264 Vandal Resistant Network Camera
- Super Dynamic
- 1080p Full HD / 720p HD images up to 60 fps
- Approximate 1/3 inches, high sensitivity MOS Sensor
- Enhanced Super Dynamic and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS

Super Dynamic Full HD Vandal Resistant Network Camera

Panasonic

PAN-WVSFV631L

- Full HD / 1,920 x1,080 60fps H.264 Vandal Resistant Network Camera
- Super Dynamic
- 1080p Full HD / 720p HD images up to 60 fps
- Approximate 1/3 inches, high sensitivity MOS Sensor
- Enhanced Super Dynamic and ABS (Adaptive Black Stretch) technologies

IP - CAMERAS

Super Dynamic HD Vandal Resistant Dome Network Camera

Panasonic

PAN-WVSW158

- Full HD / 1,920 x1,080 H.264 Vandal Resistant Network Camera
- Super Dynamic
- IP66 rated water and dust resistant
- Built-in Microphone
- Wide coverage : Horizontal: 100°, Vertical: 81°(3 megapixels [4:3])

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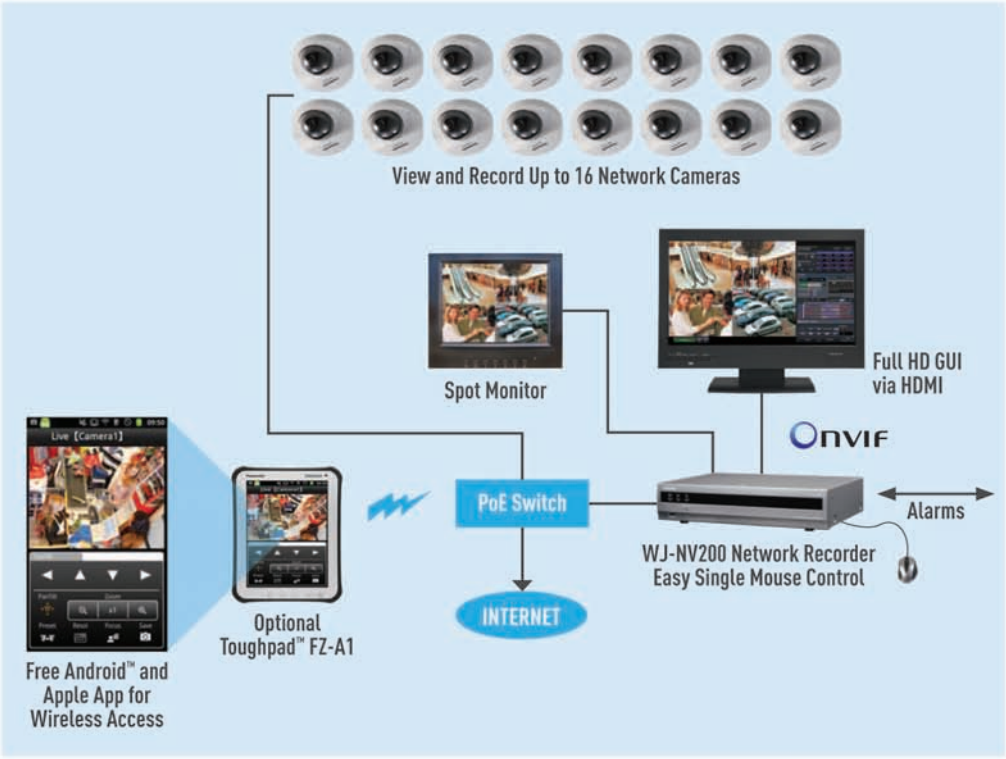
Panasonic

VERSATILE, EASY-TO-USE, ALL-IN-ONE FULL HD IP VIDEO SURVEILLANCE SYSTEM

Panasonic recording solutions match the quality of our image capture to help build your end-to-end video surveillance system. The WJ-NV200 is an all-in-one Full HD IP surveillance system in a box, offering live viewing and recording of up to 16 Full HD network video cameras.

WJ-NV200 Network Recorder

- Quick setup, and full mouse control via built-in GUI—no PC required
- Flexible—high quality H.264, MPEG-4 and JPEG recording modes
- Built-in Full HD video decoder via HDMI and spot monitor output
- Single and dual SATA HDD versions support 3TB drive capacity
- Powerful video search and easy export to SD card slot or optional DVD
- Built-in alarm terminal I/O supports text and email alarm
- 10/100/1000 Base-T Network interface and ONVIF compliant
- Free Android™ and Apple App supports remote camera control
- Optional WJ-NVF20 Business Intelligence upgrade is available for age and gender analytics



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Panasonic

WHY PANASONIC?

From the company that brought you the first security camera in 1957 and invented over a dozen industry standards, Panasonic provides industry-leading solutions to capture, record, manage and analyze surveillance video. Panasonic provides a comprehensive lineup of video surveillance products and solutions that offer the industry's highest picture quality, mission-critical reliability and the industry's lowest total cost of ownership. When it counts, you can count on Panasonic video surveillance products and systems to deliver.

Customer-Focused Service and Support

Panasonic has a long-standing reputation for offering the highest-quality video surveillance products that are backed up with outstanding technical support and service programs. When you purchase a Panasonic video surveillance product, you not only receive a product designed to deliver long-lasting performance, but Panasonic will stand behind your purchase with a toll-free technical support hotline and a comprehensive 3-year* warranty with Advance Exchange, as well as extended warranty options.

Toll-Free Technical Support

Panasonic's toll-free technical support hotline is staffed by a team of dedicated professionals, who are thoroughly trained to troubleshoot and diagnose technical issues related to your Panasonic surveillance equipment. Customers can take advantage of Panasonic's toll-free, 24/7 technical support with hold times less than 1 minute by calling 1.800.528.6747.

Comprehensive 3-Year* Warranty with Advance Exchange

Panasonic video surveillance products are backed by a 3-year* Advance Exchange Warranty. In the event that a Panasonic surveillance product has a defect in material or workmanship, Panasonic's National Repair Center will repair or exchange the nonfunctioning unit with a new or functioning refurbished product free of charge. Advance Exchange provides next business day replacement of a defective product or system component, which ensures that uptime is maximized and your security systems remain in working condition.

Extended Warranty Program

Panasonic's service and support does not have to end when our standard warranty expires. We offer 1 or 2-year extended warranty options that provide the same outstanding level of coverage as our standard warranty including Advance Exchange. Panasonic's extended warranty delivers peace of mind by providing seamless coverage for up to 5 years on your video surveillance investment.

*3-year standard warranty on select models

SOLUTIONS FOR SECURITY

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IP - CAMERAS

Super Dynamic Vandal Resistant Dome Network Camera

Panasonic

PAN-WVSW559

- Full HD / 1,920 x1,080 H.264 Vandal Resistant Network Camera
- Super Dynamic
- Day/Night(IR)
- 1,080p Full HD images up to 30 fps and 360p image up to 30fps
- Super Hi-Res, Full HD/1,920 x 1,080 created by 3.1Megapixel, MOS Sensor

IP - CAMERAS

Super Dynamic Weather Resistant Full HD PTZ Dome

Panasonic

PAN-WVSW598

- Full HD/1,920 x1,080 H.264 Weather Proof Camera featuring Optical 30x zoom
- Super Dynamic
- 1080p HD images up to 30 fps
- Multiple H.264 (High profile) streams and JPEG streams
- High Res recording by new *UniPhier®* Panasonic's proprietary System LSI

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD Dome Network Camera

Panasonic

PAN-WVSFN310 - HD / 1,280 x 720 60 fps H.264 Network Camera featuring Super Dynamic

- 720p HD images up to 60 fps*1
- Approximate 1/3", high sensitivity MOS Sensor
- Super high resolution at HD/1,280 x 720 created by high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD Dome Network Camera

Panasonic

PAN-WVSFN311 - HD / 1,280 x 720 60 fps H.264 Network Camera featuring Super Dynamic

- 720p HD images up to 60 fps*1
- Approximate 1/3", high sensitivity MOS Sensor
- Super high resolution at HD/1,280 x 720 created by high sensitivity MOS Sensor.
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD Vandal Resistant & Waterproof Dome Network Camera

Panasonic

PAN-WVSFV310 - HD / 1,280 x 720 60 fps H.264

- 720p HD images up to 60 fps*1
- Approximate 1/3" high sensitivity MOS image sensor
- Super high resolution at HD/1,280 x 720 created by high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD Vandal Resistant & Waterproof Dome Network Camera

Panasonic

PAN-WVSFV311 - HD / 1,280 x 720 60 fps H.264

- 720p HD images up to 60 fps*1
- Approximate 1/3" high sensitivity MOS image sensor
- Super high resolution at HD/1,280 x 720 created by high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD Vandal Resistant Dome Network Camera

Panasonic

PAN-WVSFR310 - HD / 1,280 x 720 60 fps H.264

- 720p HD images up to 60 fps*1
- Approximate 1/3" high sensitivity MOS image sensor
- Super high resolution at HD/1,280 x 720 created by high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring

IP - CAMERAS (MEGAPIXEL)

Super Dynamic HD Dome Network Camera

Panasonic

PAN-WVSFR311 - HD / 1,280 x 720 60 fps H.264

- 720p HD images up to 60 fps*1
- Approximate 1/3" high sensitivity MOS image sensor
- Super high resolution at HD/1,280 x 720 created by high sensitivity MOS Sensor
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring

IP - RECORDING DEVICES & CONTROL EQUIPMENT

All-in-One Full HD Surveillance System Network Disk Recorder

Panasonic

PAN-WJNV300

- (16) Channels (Base) Field Upgradable to (32) [2x NV200]
- 128Mbps Recording Bandwidth [2x NV200]
- Two internal HDD Slots (2x 3TB = 6TB Capacity)
- External Storage Expansion via WJ-HDE400 (2x HD400 = up to 80TB)
- PC-less operation via Built-in mouse driven GUI
- Built-in Full HD Video Decoder via Dual HDMI Outputs [2x NV200]

CAMERAS

Fixed Analog Dome Camera

Panasonic

PAN-WVCF624

- Super Dynamic 6 with 650 color TVL
- True D/N, 2.8-10mm varifocal lens

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CAMERAS

IR LED Day/Night Fixed Dome Camera

Panasonic

PAN-WVCF314L

- Day/Night Fixed Dome Camera with IR LED
- High sensitivity with Day/Night function: 0.08 lx (Color), 0 lx (B/W, LED on)
- High resolution: 650 TV lines
- IR LED irradiation distance 20 m

CAMERAS

Super Dynamic 5 Day/Night Fixed Camera

Panasonic

PAN-WVCP500

- Super Dynamic 5 Day/Night Camera with ABS (Adaptive Black Stretch)
- i-VMD* (intelligent-Video Motion Detection) and ABF* (Auto Back Focus)

CAMERAS

High Resolution Day/Night Camera

Panasonic

PAN-WVCP504 - 24VAC/12VDC

- 650 lines of horizontal resolution (Color), 700 lines (B/W)
- I/R cut filter switches on/off to enhance sensitivity in B/W mode
- Auto Back Focus ensures easy installation and stable focus in both color and B/W modes 0.1 lux (Color), 0.01 lux (B/W)
- Adaptive Digital Noise Reduction: integration of 2D-DNR and 3D-DNR

CAMERAS

Fixed Analog Dome Camera

Panasonic

PAN-WVCF634

- Super Dynamic 6 with 650 color TVL
- True D/N, ABF
- 2.8-10mm varifocal lens

CAMERAS

Indoor Fixed Analog Dome Camera

Panasonic

PAN-WVCF354

- High resolution: 650 TV lines & (ABF) Auto Back Focus
- High sensitivity with Day/Night: 0.08 lx (Color), 0.05 lx (B/W) at F1.4
- ABS enhances visibility of dark area without degrading bright area quality
- 2.8 ~ 10 mm 3.6x Varifocal Auto Iris lens

CAMERAS

Super Dynamic 6 High Res 650 TVL Analog PTZ Camera

Panasonic

PAN-WVCS584

- High resolution: 650 TV lines
- High sensitivity with Day/Night function: 0.5 lux (Color), 0.04 lux (B/W)
- 3.3 ~ 119 mm 36x zoom lens
- Auto tracking
- Video Motion Detector
- Adaptive Digital Noise Reduction

CAMERAS

Day/Night Mini Fixed Dome Camera

Panasonic

PAN-WVCF344 - 24 V AC or 12 V DC
PAN-WVCF354 - 24 V AC or 12 V DC

- High resolution: 650 TV lines & (ABF) Auto Back Focus (WVCF354)
- High sensitivity with Day/Night: 0.08 lx (Color), 0.05 lx (B/W) at F1.4
- ABS enhances visibility of dark area without degrading bright area quality
- 2.8 ~ 10 mm 3.6x Varifocal Auto Iris lens
- 16 axis matrix color compensation enables wider range of color adjustment

CAMERAS

Super Dynamic 5 Vandal Resistant Fixed Dome Camera

Panasonic

PAN-WVCW504

- Super Dynamic 5 delivers Superior image by fusing ABS and i-VMD technology
- High resolution: 650 TV lines typical (Color), 700 TV lines minimum (B/W)
- High sensitivity with Day/Night: .1 lx (Color), 0.01 lx (B/W) at F1.4 (Wide)
- IR cut filter switches on/off to enhance the sensitivity in B/W mode
- 3.8 ~ 8.0 mm, 2x vari-focal Auto Iris lens

CAMERAS

H.264, 1.3 Megapixel Fixed Dome IP Camera

Panasonic

PAN-WVSF336

- H.264, 1.3 Megapixel Fixed Dome IP
- Camera w/Simple D/N
- Auto Back Focus
- ABS, Face Detection
- SDHC/SD Memory Card Slot

CAMERAS

Super Dynamic 6 Weather Resistant Dome Camera

Panasonic

PAN-WVCW594A - 24-hour outdoor surveillance camera, 36x zoom, SD6

- Super Dynamic 6 delivers 128x(NTSC) / 160x (PAL) wider dynamic range &VMD
- High sensitivity Day/Night: 0.5 lx (Color) at F1.4, 0.04 lx (B/W) at F1.4
- Adaptive Digital Noise Reduction & Electronic sensitivity enhancement
- 36x zoom lens: 3.3 ~ 119 mm (approx. 720x with digital zoom) & Auto tracking

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IP - CAMERAS (MEGAPIXEL)

Sarix® Professional Range IMP Series Mini Domes

PEL-IMP PEL-IMP519 PEL-IMP319
PEL-IMP219 PEL-IMP1110 PEL-IMPS110

- Up to 5 Megapixel (MPx) Resolution, with Up to 30 IPS at 1080p
- Autofocus Motorized Remote Zoom Lens w/Integrated Adaptive IR Illumination
- Accessible Edge Storage with Micro SD Card
- Motion Detection and Camera Sabotage Detection
- Power over Ethernet (PoE) and 24 VAC Power Input

IP - CAMERAS (MEGAPIXEL)

Sarix® Enhanced Range Mini Domes with SureVision

PEL-IME PEL-IME319 PEL-IME219
PEL-IME119 PEL-IME3122

- SureVision 2.0 Technology
- Up to 3 Megapixel (MPx) Resolution, with up to 30 IPS at 3MPx
- Autofocus Varifocal 3-9 mm and 9-22 mm MPx Lenses
- Power over Ethernet (PoE), IEEE 802.3af
- Adaptive Motion Detection & Camera Sabotage Analytics with Local Storage

IP - CAMERAS (MEGAPIXEL)

Sarix® IL Series Box Cameras and Micro Domes

PEL-IL10

- 720p (1280 x 720) Resolution with 30 Images per Second (ips)
- H.264 Compression with Up to 2 Simultaneous Video Streams
- Selectable Bit Rate with Minimum Illumination Down to 0.5 lux
- Integrated 68° Diagonal Field of View Lens
- Power over Ethernet (IEEE 802.3af) or 24 VAC Options

IP - CAMERAS (MEGAPIXEL)

5MP Evolution 360° Camera

PEL-EV0 PEL-EV005NID PEL-EV005NJD
PEL-EV005NMD PEL-EV002NND

- Constant 360° surveillance, no blind spots with silent operation
- Quick and easy installation.
- 5MP 1/2.5 CMOS sensor
- H.264/MJPEG Multistream, compatible w/Oncam Grandeye 3D dewarping software
- Client-side dewarping on Pelco Digital Sentry & compatible VMS platforms

IP - CAMERAS

Spectra® IV IP Network Dome System

PEL-SD4N

- Ability to Control and Monitor Video over IP Networks
- 3 Simultaneous Video Streams, Dual MPEG-4, MJPEG
- Simultaneous IP and Analog Video and Control
- Supported Protocols: TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP
- Available in 23X, 29X, and 36X models

IP - ENCLOSURES

EH14/EH16 Series Indoor/ Outdoor Enclosure

PEL-EH PEL-EH142 PEL-EH16 PEL-EH162

- Advanced Optics for Megapixel Camera Support
- Models Available with Factory Installed Low-Power Heater and Blower
- Temperature Range from -40° to 60°C (-40° to 140°F) for EH14
- EH16 Meets IP66 and NEMA Type 4X Standards and EH14 is IP66 Rated
- EH14 is Polycarbonate Plastic, EH16 is Die-cast Aluminum

IP - CAMERAS (MEGAPIXEL)

HD IP Dome Positioning System - Spectra HD

PEL-S5220

- Up to 1920 x 1080 Resolution
- 2.0 Megapixel (MPx), 20X Optical Zoom, 12X Digital Zoom, Wide Dynamic Range
- 16:9 Aspect Ratio; 1080p at 30 Images per Second (ips)
- 2 Simultaneous Video Streams: Dual H.264 and Scalable MJPEG
- Ability to Control and Monitor Video Over IPv4 and IPv6 Networks

IP - POWER OVER ETHERNET

POE Midspan Power System

PEL-POE1AT - 1 Channel PoE Midspan
PEL-POE4ATN - 4 Channel PoE Midspan
PEL-POE8ATN - 8/16 Channel PoE Midspan
PEL-POE16ATN - 16 Channel PoE Midspan

- Fully 802.3at Compliant Detection, Disconnect, Over Voltage & Current Prote
- Diagnostic LEDs
- No Power Management Required
- SNMP Network Management
- Full Protection: Over Temperature, Over Current, Over Voltage Protection

MONITORS

PMCL500BL Series LCD Monitors

PEL-PMCL500BL

- 24- 32- 42- 46- and 55- Inch Monitors with 1080p Resolution
- Three-Year Warranty
- 6.5ms Response Time with HDMI, DP, VGA and DVI Inputs
- Picture in Picture (PIP) and LED Backlight Technology
- Energy Star Certifications 5.1

IP - RECORDING DEVICES & CONTROL EQUIPMENT

Digital Sentry Network Video Recorder - DSSRV

PEL-DSSRV

- Integrated hardware/software VMS solution
- Powerful video processing performance
- Flexible NVR, DVR, or Hybrid NVR deployment
- Support up to 128 cameras, up to 64 analog cameras
- Broad support for third-party camera integration

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MONITOR MOUNTS

Ultra Slim Articulating Mount Medium

PRO MOUNTS

PRO-SAM

- ± 3° post installation horizontal adjustment
- Supports Flat Panel Displays 24”- 55” up to 80 lbs (36 kg)
- Supports all VESA patterns from 200x200 to 400x400
- 15° to -3° tilt
- Arm extends from 1.7” to 18.9”

MONITOR MOUNTS

Ultra Slim Articulating Mount Large

PRO MOUNTS

PRO-SAL

- ± 3° post installation hor. adjustment
- For Flat Displays 37”- 65” up to 120 lbs (54 kg)
- For VESA patterns from 200x200 to 800x400
- 15° to -3° tilt
- Arm extends from 1.7” to 18.9” from wall

MONITOR MOUNTS

Ultra Slim Tilt Mount Large

PRO MOUNTS

PRO-SAMFTL

- Only 1” thick
- Supports Flat Panel Displays 37”- 80” up to 120 lbs (54 kg)
- Supports all VESA patterns from 200x200 to 800x400
- 15° tilt

MONITOR MOUNTS

Ultra Slim Flat Mount Large

PRO MOUNTS

PRO-SFL

- Less than 1/2” thick
- Supports Flat Displays 37”- 80” up to 150 lbs (68 kg)
- Supports all VESA patterns from 200x200 to 800x400

MONITOR MOUNTS

Universal Tilt Mount Kit

PRO MOUNTS

PRO-FT64K - Large
PRO-FT44K - Medium

- HDMI Cable and Screen Cleaner Included
- Only 1” thick
- Supports Flat Panel Displays 30”- 65” up to 100 lbs (45 kg)
- Supports all VESA patterns from 100x100 to 600x400
- 14° tilt

MONITOR MOUNTS

Universal Ceiling Mount

PRO MOUNTS

PRO-UCPRO310 - Large
PRO-UCPRO210 - Medium

- Supports Flat Displays 37”- 65” up to 150 lbs (68 kg)
- Supports all VESA patterns from 200x200 to 800x400
- 15° to -15° tilt
- Pipe extends 24.6” from ceiling

PROJECTOR MOUNTS

Universal Projector Mount

PRO MOUNTS

PRO-UPRPRO200 - With pipe extension (11.4” to 32”)
PRO-UPRPRO150 - Flush to ceiling (5.2”)

- Suitable for most LCD and DLP projectors (44 lbs or less)
- Concealed cable management.
- 360 ° Swivel rotation.
- Quick and safe installation.
- Adjustable height from 11.4” to 32” (290 mm - 810 mm)

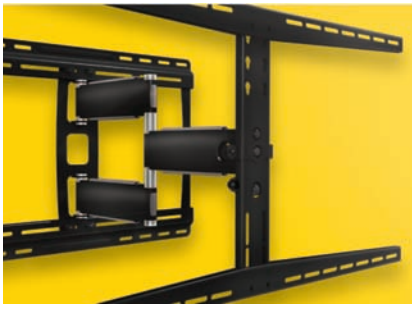
ACCESSORIES

AV Component Shelf System

PRO MOUNTS

PRO-FSH1 - Single Shelf
PRO-FSH2 - Double Shelf

- Supports up to 18 lbs per shelf
- Easy and Fast Installation
- 15” wide and 11” deep
- Post installation height adjustments
- Cable Management



The professional’s choice.

PRO MOUNTS

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IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Camera

SAM-SNB7004

- 3MP @ 30fps
- 3MP real-time Wide Dynamic Range (120dB)
- Simple focus, P-Iris
- Day & Night (ICR), Enhanced Digital Image Stabilization, Defog

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Camera

SAM-SNB7001

- 1080p @ 30fps
- Wide Dynamic Range
- Smart compression (Region of Interest Encoding)
- Tampering Alarm, Motion Detection
- Multiple streaming simultaneously

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD 1080p Weatherproof IR Camera

SAM-SNO7084R

- 3MP @ 30fps
- 3MP real-time Wide Dynamic Range (120dB)
- Simple focus, P-Iris
- Day & Night (ICR), Enhanced Digital Image Stabilization, Defog

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD 360° Fisheye Dome Camera

SAM-SNF7010

- 1080p resolution w/ dewarped images
- Wide Dynamic Range (120dB)
- Variety of viewing compositions: panorama, quad, user selectable region
- Analytics, bi-directional audio

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD 360° Fisheye Vandal-Resistant Dome Camera

SAM-SNF7010V

- 1080p resolution w/ dewarped images
- Wide Dynamic Range (120dB)
- Variety of viewing compositions: panorama, quad, user selectable region
- IK10, IP66
- Analytics, bi-directional audio

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD 360° Fisheye Mobile Camera

SAM-SNF7010VM

- 1080p resolution with dewarped images
- Wide Dynamic Range (120dB)
- Variety of viewing compositions: panorama, quad, user selectable region
- M12 Connector
- Analytics, bi-directional audio

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Dome Camera

SAM-SND7084

- 3MP @ 30fps
- 3MP real-time Wide Dynamic Range (120dB)
- Simple focus (Motorized VF), P-Iris
- Day & Night (ICR), Enhanced Digital Image Stabilization, Defog

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD IR Dome Camera

SAM-SND7084R

- 3MP @ 30fps
- 3MP real-time Wide Dynamic Range (120dB)
- Simple focus (Motorized VF), P-Iris
- Day & Night (ICR), Enhanced Digital Image Stabilization, Defog

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Vandal-Resistant Dome Camera

SAM-SNV7084

- 3MP @ 30fps
- 3MP real-time Wide Dynamic Range (120dB)
- Simple focus (Motorized VF), P-Iris
- Day & Night (ICR), Enhanced Digital Image Stabilization, Defog
- IK10, IP66

IP - CAMERAS (MEGAPIXEL)

3 Megapixel Vandal-Resistant IR Dome Camera

SAM-SNV7084R

- 3MP @ 30fps
- 3MP real-time Wide Dynamic Range (120dB)
- Simple focus (Motorized VF), P-Iris
- Day & Night (ICR), Enhanced Digital Image Stabilization, Defog
- IK10, IP66

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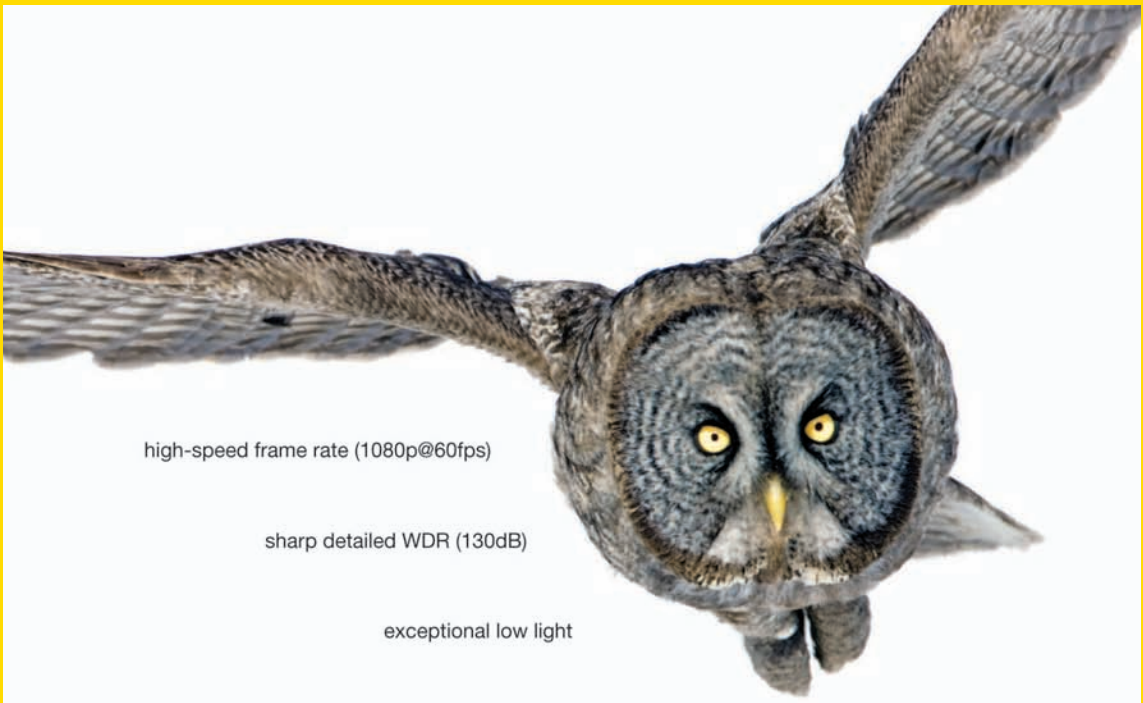

capture the smallest details

the power of technology... WiseNet III

Samsung video surveillance solutions set the benchmark for exceptional performance and added value. With innovative technologies like WiseNetIII that provides proprietary imaging technologies to capture the smallest details – and all the speed you need for efficient networked IP systems.

SAMSUNG

SAMSUNG TECHWIN

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IP - CAMERAS (MEGAPIXEL)

3 Megapixel Full HD Network Camera

SAM-SND7061

- 1080p @ 30fps
- 2.8x (3 ~8.5mm) varifocal lens
- Smart compression (Region of Interest Encoding)
- Multiple streaming simultaneously
- Tamper detection

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Covert Camera

SAM-SNB6010

- 1080p @ 30fps
- Lens: 4.66mm pinhole
- Wide Dynamic Range (120dB)
- Advanced motion detection, Defog
- Extremely discreet design

IP - CAMERAS (MEGAPIXEL)

2MP Full HD Network Camera

SAM-SNB6004

- 1080p @ 60fps
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)
- P-Iris, Simple focus, Analytics

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p Network Camera

SAM-SNB6003

- 1080p @ 60fps
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)
- Multiple streaming simultaneously

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD Weatherproof IR Camera

SAM-SNO6084R

- 1080p @ 60fps
- 2.8x motorized lens (3~8.5mm)
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Simple focus, IP66, IK10

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p IR Bullet Camera

SAM-SNO6011R

- 1080p @ 30fps
- 3.8mm fixed lens
- Wide Dynamic Range (120dB)
- Smart compression (Region of Interest Encoding)
- IP66

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD Dome Camera

SAM-SND6084

- 1080p @60fps
- 2.8x motorized lens (3~8.5mm)
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full 1080p HD Network Dome Camera

SAM-SND6083

- 1080p @ 60fps
- 2.8x motorized lens (3~8.5mm)
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Multiple streaming simultaneously

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p IR Dome Camera

SAM-SND6084R

- 1080p @ 60fps
- 2.8x motorized lens (3~8.5mm)
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)
- Multiple streaming simultaneously
- Analytics, Simple focus

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p Vandal-Resistant Network Dome Camera

SAM-SNV6084

- 1080p @ 60fps
- 2.8x motorized lens (3~8.5mm)
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Simple focus, IK10, IP66

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IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD Vandal-Resistant IR Dome Camera

SAM-SNV6084R

- 1080p @ 60fps
- 2.8x motorized lens (3~8.5mm)
- Wide Dynamic Range (120dB)
- Enhanced Digital Image Stabilization
- Simple focus, IK10, IP66

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p Vandal Mobile Camera

SAM-SNV6012M

- 1080p @ 60fps
- 3mm fixed lens (103.1° view)
- Wide Dynamic Range (120db)
- IP66/IK10, M12 connector, EN50155, EN50121
- Multiple streaming simultaneously

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD Vandal-Resistant Dome Camera

SAM-SNV6013

- Built-in 2.8mm fixed lens
- 2MP Real-time Wide Dynamic Range (2MP 30fps, 120dB)
- Motion Detection, Audio Detection, Video Analytics
- IP66, IK10
- Optional f2.1mm wide angle lens: 145° horizontal viewing angle

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p 20x PTZ Camera

SAM-SNP6201H

- 1080p @ 30fps
- 20x optical zoom
- Wide Dynamic Range
- Analytics, IK10 && IP66
- Heater by PoE+

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 1080p 20x PTZ Camera

SAM-SNP6201

- 1080p @ 30fps
- 20x optical zoom
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 32x Network PTZ Dome Camera

SAM-SNP6320H

- H.264, MJPEG dual codec, Multiple streaming
- Wide Dynamic Range (120dB)
- Day & Night (ICR)
- Auto tracking, Analytics
- PoE+, SD memory card, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

2 Megapixel Full HD 32x Network PTZ Dome Camera

SAM-SNP6320

- H.264, MJPEG dual codec, Multiple streaming
- Wide Dynamic Range (120dB)
- Day & Night (ICR)
- Auto tracking, Analytics
- PoE+, SD memory card, Bi-directional audio support

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 720p Network Camera

SAM-SNB5004

- 720p @ 60fps
- Wide Dynamic Range
- Simple Focus, P-iris
- True Day & Night (ICR), Enhanced Digital Image Stabilization, Defog
- Multi-crop streaming

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Camera

SAM-SNB5001

- Max. 1.3MP resolution (1280 x 1024)
- Multiple Streaming, H.264 & MJPEG dual codec
- Tampering Alarm, Motion Detection, Privacy Masking
- Day & Night (Software)

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Dome Camera

SAM-SND5061

- 720p @ 30fps
- 2.8x (3~8.5mm) varifocal lens
- Multiple streaming simultaneously
- Tamper detection

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IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 720p Dome Camera

SAM-SND5084

- 720p @ 60fps
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Wide Dynamic Range
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 720p Vandal-Resistant Dome Camera

SAM-SNV5084

- 16 : 9 HD (720p) resolution support
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Audio / Face / Motion detection
- Day & Night (ICR), Wide Dynamic Range (130dB)
- Multi-crop streaming, PoE, IP66, IK10

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Vandal-Resistant Network Flat Camera

SAM-SNV5010

- 16 : 9 HD (720p) support
- Built-in 3mm fixed lens
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming
- PoE, IP66, IK10

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 30x Network PTZ Dome Camera

SAM-SNP5300

- 720p @ 30fps
- 30x optical zoom
- Wide Dynamic Range
- Enhanced Digital Image Stabilization
- Smart compression (Region of Interest Encoding)

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 30x Network PTZ Dome Camera

SAM-SNP5300H

- 720p @ 30fps
- 30x optical zoom
- Wide Dynamic Range
- Enhanced Digital Image Stabilization
- Analytics, IP66

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD 20x Network PTZ Dome Camera

SAM-SNP5200

- Max. 1.3M (1280 x 1024) resolution
- 4.45 ~ 89mm (20x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- PoE plus, SD memory, IP66, bi-directional audio support
- Intelligent Video Analytics, Motion Detection

IP - CAMERAS (MEGAPIXEL)

1.3 Megapixel HD Network Dome Camera

SAM-SND5011

- 720p @ 30fps
- Built-in 3mm fixed lens
- Multiple streaming simultaneously
- Tamper detection

IP - CAMERAS

4CIF WDR Network Dome Camera

SAM-SND3082

- 4CIF @ 30fps
- 3.9x varifocal lens (2.8~11mm)
- Wide Dynamic Range
- Multiple streaming simultaneously
- Tamper detection

IP - CAMERAS

4CIF WDR Vandal-Resistant Network Dome Camera

SAM-SNV3082

- 4CIF @ 30fps
- 3.9x (2.8~11mm) varifocal lens
- Wide Dynamic Range
- Multiple streaming simultaneously
- Tamper detection
- IK10, IP66

IP - CAMERAS

4CIF 12x Vandal-Resistant Network Dome Camera

SAM-SNV3120

- 4CIF @ 30fps
- 12x optical zoom
- Wide Dynamic Range
- Multiple streaming simultaneously
- IK10, IP66

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IP - CAMERAS

4CIF 12x Network PTZ Dome Camera

SAM-SNP3120

- 4CIF @ 30fps
- 12x optical zoom
- Wide Dynamic Range
- Multiple streaming simultaneously
- Analytics

IP - CAMERAS

4CIF 30x Network PTZ Dome Camera

SAM-SNP3302H

- 4CIF @ 30fps
- 30x optical zoom
- Wide Dynamic Range
- Multiple streaming simultaneously
- Analytics
- IK10 & IP66

IP - CAMERAS

4CIF 37x Network PTZ Dome Camera

SAM-SNP3371TH
SAM-SNP3371 - Indoor model

- 4CIF @ 30fps
- 37x optical zoom
- Wide Dynamic Range
- Multiple streaming simultaneously
- IK10 & IP66

IP - CAMERAS

4CIF Weatherproof 12x Network PTZ Dome Camera

SAM-SNP3120VH

- 4CIF @ 30fps
- 12x optical zoom
- Wide Dynamic Range
- Multiple streaming simultaneously
- Analytics, IP66

IP - CAMERAS

VGA Network Dome Camera

SAM-SND1080

- Max. 30fps at VGA resolution
- 2.2 ~ 7.7mm (3.5x) vari-focal lens
- H.264, MJPEG dual codec
- Multiple streaming
- Face detection

RECORDING DEVICES & CONTROL EQUIPMENT

64 Channel 400Mbps Premium Network Video Recorder

SAM-SRN4000

- Up to 64CH 5MP Supported
- 400Mbps Network Camera Recording
- Max 12 Hot-Swap HDDs (RAID 5/6)
- iSCSI Storage supported
- Redundant Hot-Swap power supply

IP-RECORDING DEVICES & CONTROL EQUIPMENT

64CH 100Mbps Network Video Recorder

SAM-SRN1000

- 100Mbps recording bit rate
- Max 5MP resolution support
- Max. 8 internal HDD
- RAID 5 support
- 2 external ports, supports expansion bay

IP - RECORDING DEVICES & CONTROL EQUIPMENT

16 Channel Network Video Recorder

SAM-SRN1670D

- 64Mbps recording bit rate
- Max. 5 internal HDD
- 2 external ports, supports expansion bay
- Full HD 1080p resolution support
- Local monitor output : HDMI & VGA

RECORDING DEVICES & CONTROL EQUIPMENT

8 Channel Mobile Recorder

SAM-SRM872

- Up to 8CH 3MP, 64Mbps recording
- Plug & Play by 8 PoE Ports
- 1 Hot - Swap HDD (2.5")
- HDMI/VGA local monitor
- Standards Approval for Transportation

IP-RECORDING DEVICES & CONTROL EQUIPMENT

4 Channel Network Video Recorder

SAM-SRN470D

- 64Mbps recording bit rate
- Max. 1 internal HDD
- 2 external ports, supports expansion bay
- Full HD 1080p resolution support
- Local monitor output : HDMI & VGA

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IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Storage Expansion

Seneca

SEN-STORAGE - Additional 120TB of Storage for Video Archiving

- Appliance designed to add storage to any NVR with expansion capabilities
- Range of form factors based on desired storage from 2U, 3U, or 4U rackmount
- Up to 120TB of additional storage

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Management Server

Seneca

SEN-MANGEMENT - Manage Surveillance Flow from a Single Appliance

- Coordinate the flow of data in a system such as interaction between servers
- Eliminates additional costs on a higher powered server
- Stores and handles incoming alarms and maps functionality
- Immediate response to react immediately and reduce downtime

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Bundled NVR with OnSSI Software

Seneca

SEN-ONSSIBUNDLEDNVR - Flexibility for IP or Hybrid Solution

- Certified and Pre-Loaded with Ocularis PS software with 16 camera channels
- Open architecture design supporting manufacturer's cameras and devices
- Intelligent motion and event based recording on a single device
- xVault xNVR100 preloaded with OnSSI for simple installations

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault NVR for up to 32 IP Cameras

Seneca

SEN-XNVR100 -Single and Remote Site NVR

- All in one appliance for video recording, client viewing, and remote view
- Ready to use solution with seamless installation with VMS platforms
- Flexible solution that scales up to 32 IP cameras
- Up to 10TB of maximum raw storage

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Hybrid Network Video Recorder – IP & Hybrid

Seneca

SEN-HYRBIDNVR - Flexible Hybrid Storage Solutions for IP & Analog

- Enables encoding, storage, management, and service of video
- Benefits of video sharing, image quality, and software flexibility
- Supports up to 48 inputs and 32 analog inputs
- Up to 36 local client streams

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault NVR for Increased Storage

Seneca

SEN-XNVR200THRU400 - Enterprise NVR-Additional Performance and Storage

- Capacity to hold up to 120TB of maximum raw storage
- Flexible chassis options from Pedestal to 4U 24 Bay Rackmount
- Open platform system to support the latest technology and upgrades
- In-house certification testing to validate VMS and camera manufactures

IP - RECORDING DEVICES & CONTROL EQUIPMENT

xVault Viewing Stations

Seneca

SEN-XVIEWSERIES - Viewing Stations Supporting up to 12 Monitors

- Multiple graphics card options for GPU performance
- Adaptive form factors from ultra-small to 4U Rackmount
- xView 400 can support control rooms and video walls for enterprise projects
- Supports up to 12 viewing monitors

CONTROL PANELS

xVault Access Control Appliance

Seneca

SEN-ACCESSCONTROL - Compatibility with Access Control Software

- Stores and manages valuable information to maintain security measures
- Increased bandwidth to integrate seamlessly into existing security systems
- Additional NIC used for simplified connectivity for camera connectivity
- Flexible chassis options from small form factor to 2U rackmount options

COMPLETE LINE OF SURVEILLANCE SOLUTIONS

Seneca

OPTIMIZED • CERTIFIED • GUARANTEED

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xVault systems feature the Intel® Xeon® processors.

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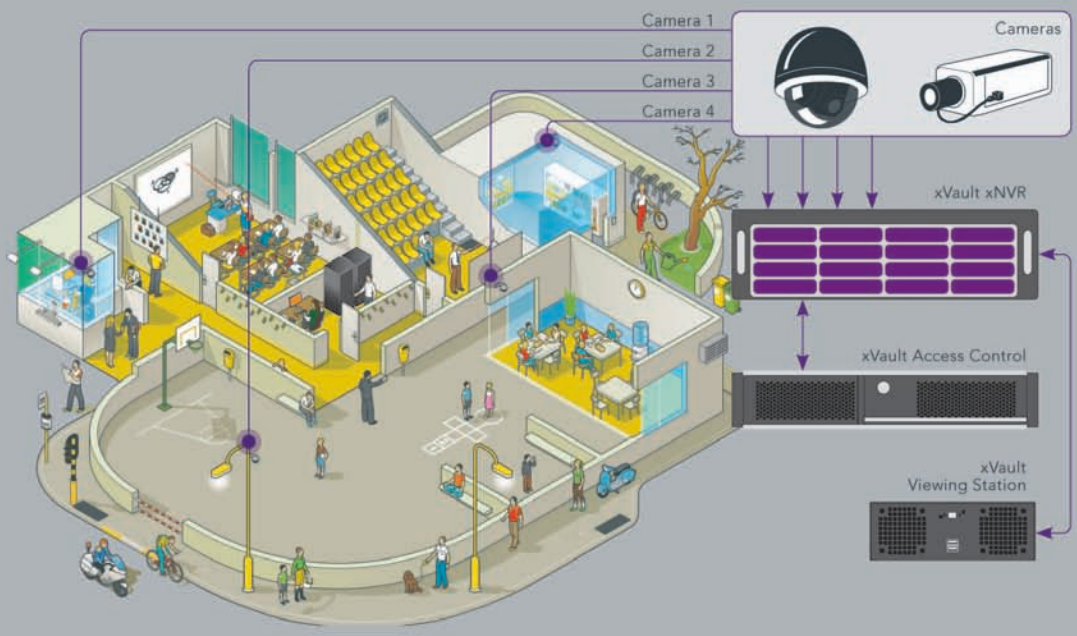
Seneca

SENECA EXPANDS PRODUCT LINE TO PROVIDE **A COMPLETE SURVEILLANCE ECOSYSTEM**



Future proof your surveillance system with xVault open platforms:

- Take advantage of the latest upgrades
- Longevity in the digital security and surveillance market
- Dedicated, in-house customer support
- We stand behind our customers and products

xVault systems feature the Intel® Xeon® processors.

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IP - CAMERAS

Network PTZ Camera

SONY

SON-SNCEP520

- 720x480 SD Resolution
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 36x Optical Zoom, 340° Pan
- DEPA Technology
- IEEE 802.3at HPoE, AC24V

IP - CAMERAS (MEGAPIXEL)

Network HD Rapid Dome Camera

SONY

SON-SNCER580

- Superior 1080p HD picture quality supporting H.264 at 30 fps - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 360° Continuous Pan, 20x Optical Zoom
- DEPA Technology, HPoE, AC24V
- SNCEP550 720p HD with 28x Optical Zoom
- SNCEP520 SD Res with 36x Optical Zoom

IP - CAMERAS (MEGAPIXEL)

Network HD Rapid Dome Camera

SONY

SON-SNCEP550

- Superior 720p HD picture quality supporting H.264 at 30 fps – 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 28x Optical Zoom, 340° Pan
- DEPA Technology
- IEEE 802.3at HPoE, AC24V

IP - CAMERAS (MEGAPIXEL)

Network HD Rapid Dome Camera

SONY

SON-SNCER550

- Superior 720p HD picture quality supporting H.264 at 30 fps – 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 360° Continuous Pan, 28x Optical Zoom
- DEPA Technology
- HPoE, AC24V

IP - CAMERAS (MEGAPIXEL)

Network HD Mini Dome Camera

SONY

SON-SNCDH110

- Superior 720p HD picture quality supporting H.264 at 30 fps - 1.3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- DEPA Technology
- PoE
- Available in White, SNCDH110/W and Black, SNCDH110/B

IP - CAMERAS (MEGAPIXEL)

Network HD Mini Dome Camera

SONY

SON-SNCDH210

- Superior 1080p HD picture quality supporting H.264 at 30 fps - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- DEPA Technology
- PoE
- Available in White, SNCDH210/W and Black, SNCDH210/B

IP - CAMERAS (MEGAPIXEL)

Network 720p HD Bullet Camera

SONY

SON-SNCCH160

- Superior 720p HD picture quality supporting H.264 at 30 fps - 1.3MP
- IR Illuminators and DEPA
- Triple Codec JPEG/MPEG4/H.264with dual streaming
- PoE
- IP66 rated
- SNCCH180 avialable with View-DR Technology

IP - CAMERAS (MEGAPIXEL)

Network 1080p Bullet Camera

SONY

SON-SNCCH260

- Superior 1080p HD picture quality supporting H.264 at 30 fps
- DEPA Intelligence
- Triple codecs JPEG/MPEG4/H.264 with dual streaming
- IR Illuminators
- IP66 and PoE
- SNCCH280 available with View-DR Technology

IP - CAMERAS (MEGAPIXEL)

HD Rapid Dome Outdoor Camera AC24V

SONY

SON-UNIONER580C2

- Superior 1080p HD picture quality supporting H.264 at 30 fps - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 360°Endless Rotation, AC24V, DEPA Technology, Day/Night
- UNIONER550C2, 720P Resolution - UNIOONER520C2, SD Resolution
- ER520, 36X Optical Zoom - ER550, 28X Optical Zoom - ER580, 20X Optical Zoom

IP - CAMERAS (MEGAPIXEL)

HD PTZ Outdoor Camera with AC24V

SONY

SON-UNIONEP580C2

- Superior 1080p HD picture quality supporting H.264 at 30 fps - 3MP
- Triple Codec JPEG/MPEG4/H.264 with dual streaming
- 340°PAN, HPoE, DEPA Technology, Day/Night
- UNIONEP550C2 - 720p HD Resolution, UNIONEP520C2 - SD Resolution
- ER520, 36x Optical Zoom - ER550, 28x Optical Zoom - ER580, 20x Optical Zoom

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IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Mini-Dome

SONY

SON-SNCVM600

- Superior HD Picture Quality Powered PoE, Ac24V or Dc12V
- Triple Streaming Any Combination H.264/JPEG with CBR/VBR Selectable
- 60FPS H.264/JPEG at 1280X1024. 30FPS on Triple Stream
- DEPA Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- View-Dr 90Db Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Vandal Mini-Dome

SONY

SON-SNCVM601

- Superior HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming Any Combination H.264/JPEG with CBR/VBR selectable
- 60FPS H.264/JPEG At 1280X1024. 30FPS on Triple Stream
- Depa Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- View-Dr 90Db Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080P Indoor Vandal Mini-Dome

SONY

SON-SNCVM630

- Superior 1080P HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming any combination H.264/JPEG with CBR/VBR Selectable
- 60FPS H.264 At 1920X1080, 60FPS JPEG at 1280X720. 30FPS on Triple Stream
- Depa Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- True D/N, View-Dr 90DB Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080P Indoor Vandal Mini-Dome

SONY

SON-SNCVM631

- Superior 1080P HD Picture Quality Powered PoE, AC24V or DC12V
- Triple Streaming any combination H.264/JPEG with CBR/VBR Selectable
- 60FPS H.264 at 1920X1080, 60FPS JPEG at 1280X720. 30FPS On Triple Stream
- Depa Advanced Intelligent Analytics and SD Card Slot for Edge Recording
- True D/N, View-Dr 90DB Wide-D, XDNR Noise Reduction and Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080P Fixed Camera

SONY

SON-SNCVB630

- Superior 1080p HD Picture Quality powered PoE, AC24V or DC12V
- Triple Streaming any combination H.264/JPEG with CBR/VBR selectable
- 60FPS H.264 at 1920x1080, 60FPS JPEG at 1280x720. 30FPS on Triple Stream
- DEPA Advanced Intelligent Analytics and SD Card slot for Edge Recording
- VIEW-DR 90db Wide-D, XDNR Noise Reduction & Image Stabilization

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Fixed Camera

SONY

SON-SNCVB600

- Superior Hd Picture Quality Powered PoE, Ac24V Or Dc12V
- Triple Streaming Any Combination H.264/JPEG With CBR/VBR Selectable
- 60FPS H.264/JPEG At 1280X 1024. 30FPS On Triple Stream
- Depa Advanced Intelligent Analytics And Sd Card Slot For Edge Recording
- View-Dr 90Db Wide-D, Xdnr Noise Reduction & Image Stabilization

IP - CAMERAS (MEGAPIXEL)

HD Fixed Camera

SONY

SON-SNCEB600

- HD picture quality supporting H.264 @ 30fps
- CS-Mount Varifocal Lens, 3.0mm - 8.0mm
- 130db Wide-Dynamic Range with View-DR Technology
- XDNR Noice Reduction, Image Stabilizer, DEPA Advanced and 2 Way Audio
- IEEE 802.3af PoE

IP - CAMERAS (MEGAPIXEL)

1080p Full HD Fixed Camera

SONY

SON-SNCEB630

- Full HD 1080p picture quality supporting H.264 @ 30fps
- CS-Mount Varifocal Lens, 2.8mm - 8.0mm
- 90db Wide-Dynamic Range with View-DR Technology
- True D/N, XDNR Noise Reduction, Image Stabilizer, DEPA Advanced,2 Way Audio
- IEEE 802.3af PoE

IP - CAMERAS (MEGAPIXEL)

IPELA Egine EX HD Indoor Mini-Dome

SONY

SON-SNCEM600

- HD picture quality supporting H.264 @ 30fps
- 130db Wide-Dynamic Range with View-DR Technology
- True Day/Night and XDNR Noise Reduction
- Image Stabilizer and DEPA Advanced
- IEEE 802.3af PoE

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Indoor Vandal Mini-Dome

SONY

SON-SNCEM601

- HD picture quality supporting H.264 @ 30fps
- 130db Wide-Dynamic Range with View-DR Technology and True Day/Night
- XDNR Noise Reduction, Image Stabilizer and DEPA Advanced
- IK10 Vandal Resistant
- IEEE 802.3af PoE

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IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Vandal Dome

SONY

SON-SNCEM602R

- HD picture quality supporting H.264 @ 30fps
- 130db Wide-Dynamic Range with View-DR Technology and True Day/Night
- XDNR Noise Reduction and Image Stabilizer
- DEPA Advanced and 2 Way Audio
- IEEE 802.3at PoE

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Indoor Mini-Dome

SONY

SON-SNCEM630

- Full HD 1080p picture quality supporting H.264 @30fps
- 90db Wide-Dynamic Range with View-DR Technology
- True Day/Night and Image Stabilizer
- DEPA Advanced
- IEEE 802.3af PoE

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Indoor Vandal Mini-Dome

SONY

SON-SNCEM631

- Full HD 1080p picture quality supporting H.264 @ 30fps
- 90db Wide-Dynamic Range with View-DR Technology and True Day/Night
- XDNR Noise Reduction, Image Stabilizer and DEPA Advanced
- IK10 Vandal Resistant
- IEEE 802.3af PoE

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Vandal Dome

SONY

SON-SNCEM632R

- Full HD 1080p picture quality supporting H.264 @ 30fps
- 90db Wide-Dynamic Range with View-DR Technology and True Day/Night
- XDNR Noise Reduction and Image Stabilizer
- DEPA Advanced and 2 Way Audio
- IEEE 8021.3at PoE

IP - CAMERAS (MEGAPIXEL)

5MP 360° Hemispheric View IP Camera

SONY

SON-SNCHM662

- ImmerVision Panamorph lens and client side de-warping
- Micro SD card slot for Edge Recording (up to 32GB)
- IK10 and IP66 Indoor and Outdoor Vandal/Environmental Rating
- Built in Microphone and 2 way audio support
- IEEE 802.3af PoE and DC12V

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX HD Vandal Dome

SONY

SON-SNCVM602R

- HD picture quality supporting H.264 @ 60 fps
- 130db Wide-Dynamic Range with View-DR Technology and True Day/Night
- XDNR Noise Reduction, Image Stabilizer, DEPA Advanced and 2 Way Audio
- SD Card Slot for Edge Recording and Analog Video/Monitor Output
- IEEE 802.3at High Power PoE, AC24V and DC12V Supported

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Vandal Dome

SONY

SON-SNCVM632R

- Full HD 1080p picture quality supporting H.264 @60fps
- 90db Wide-Dynamic Range with View-DR Techology and True Day/Night
- XDNR Noise Reduction, Image Stabilizer, DEPA Advanced and 2 Way Audio
- SD Card Slot for Edge Recording and Analog Video/Monitor Output
- IEEE 802.3at High Power PoE, AC24V and DC12V supported

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Rugge-dized Compact Mini-Dome

SONY

SON-SNCXM632

- 1080p@30fps Full HD Outdoor/In-Vehicle Mini Dome with 113° Viewing Angle
- 90db Wide-Dynamic Range with View-DR Technology
- SD Card Slot for Edge Recording, Audio, Image Stabilizer and Anti-Vibration
- New Video analytics functions including face detection and object removal
- IEEE 802.3af Compliant, RJ45 Connector

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Rugge-dized Compact Mini-Dome

SONY

SON-SNCXM636

- 1080p@30fps Full HD Outdoor/In-Vehicle Mini Dome with 83° Viewing Angle
- 90db Wide-Dynamic Range with View-DR Technology
- SD Card Slot for Edge Recording, Audio, Image Stabilizer and Anti-Vibration
- New Video Analytic functions including face detection and object removal
- IEEE 802.3af Compliant, M12 Connector

IP - CAMERAS (MEGAPIXEL)

IPELA Engine EX 1080p Rugge-dized Compact Mini-Dome

SONY

SON-SNCXM637

- 1080p@30fps Full HD Outdoor/In-Vehicle Mini Dome with 113° Viewing Angle
- 90db Wide-Dynamic Range with View-DR Technology
- SD Card Slot for Edge Recording, Audio, Image Stabilizer and Anti-Vibration
- New Video Analytic functions including face detection and object removal
- IEEE 802.3af PoE, M12 Connector

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IP - CAMERAS

Intensifier3® Indoor/ Outdoor Bullet IP Camera

speco technologies

SPT-0INT56B1G - (2.8-12mm VF lens), Dark Grey Housing

- See color in almost complete darkness without IR LEDs
- Supports D1 resolution @ 30fps
- ONVIF Profile S
- IP67 compliant
- External controls for zoom & focus

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Bullet IP Camera

speco technologies

SPT-02B2 - (3.6-16mm VF lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (90ft)
- Wide dynamic range operation
- ONVIF Profile S
- IP66 compliant

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Bullet IP Camera

speco technologies

SPT-02B5 - (3.7mm lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (82ft)
- Wide dynamic range operation
- ONVIF Profile S
- IP66 compliant

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Outdoor PTZ IP Camera

speco technologies

SPT-02PTZ22D5W - (4.7-94mm 20x optical zoom lens), White Housing

- Built-in PoE+ (IEEE 802.3at)
- 20x optical zoom lens
- Integrated heater
- 2-way audio communication
- IP66 compliant
- ONVIF Profile S

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Mini-Dome IP Camera

speco technologies

SPT-02MD1 - (3.7mm lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (30ft)
- Wide dynamic range operation
- ONVIF Profile S
- IP66 compliant

IP - CAMERAS (MEGAPIXEL)

1080p Day/Night Indoor Dome IP Camera w/ Micro SD

speco technologies

SPT-02DP8 - (3.6-16mm VF lens), Pure White Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (49ft)
- Wide dynamic range operation
- ONVIF Profile S
- Supports up to 1080p @ 30fps

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Dome IP Camera

speco technologies

SPT-02D4 - (3.6-16mm VF lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (49ft)
- Wide dynamic range operation
- ONVIF Profile S
- IP66 compliant

IP - CAMERAS (MEGAPIXEL)

1080p OnSIP Indoor 20x PTZ IP Camera

speco technologies

SPT-02PTZ34D5W - (4.7-94mm 20x optical zoom lens), White Housing

- Built-in PoE+ (IEEE 802.3at)
- 20x optical zoom lens
- ONVIF Profile S
- Supports 1080p @ 30fps
- 2-way audio communication

IP - CAMERAS (MEGAPIXEL)

HD 1.3MP Indoor Dome IP Camera

speco technologies

SPT-VIP1D1 - (3-9mm VF lens), White Housing

- Supports up to 1.3 megapixel resolution or HD 720p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- ONVIF Profile S
- Micro SD slot (card not included)

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Vandal IP Dome

speco technologies

SPT-VIP2D2M - (3-9mm motorized lens), White Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (65ft)
- Motorized lens for remote focusing
- ONVIF Profile S
- IP66 and IK10 compliant

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IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor Dome IP Camera

speco technologies

SPT-VIP2D1M - (3-9mm motorized lens), White Housing

- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IEEE 802.3af)
- Motorized lens for remote focusing
- ONVIF Profile S
- Micro SD slot (card not included)

IP - CAMERAS (MEGAPIXEL)

3MP Indoor/Outdoor Vandal Dome IP Camera

speco technologies

SPT-VIP3D2M - (3-9mm motorized lens), White Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (65ft)
- Motorized lens with auto focus
- ONVIF Profile S
- IP66 and IK10 compliant

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Vandal IP PTZ

speco technologies

SPT-VIP2PTZ12X - (5.32-62.61mm 12x optical zoom lens), White Housing

- Built-in standard PoE (IEEE 802.3af)
- 12x optical zoom lens with auto focus
- ONVIF Profile S
- IP66 and IK10 compliant
- Supports up to 1080p @ 60fps

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor Mini-Dome IP Camera

speco technologies

SPT-VIP2P1 - (3.7mm lens), White Housing

- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- ONVIF Profile S
- Micro SD slot (card not included)
- Also available with WiFi network connection (IEEE 802.11b/g/n) SPT-VIP2P1N

IP - CAMERAS (MEGAPIXEL)

5MP 360° Panoramic Indoor/ Outdoor Mini-Dome IP

speco technologies

SPT-05MDP1 - (0.98-1.12mm panomorph lens), Dark Grey Housing

- 360° field of view
- Various viewing modes
- Built-in standard PoE (IEEE 802.3af)
- ONVIF Profile S
- Also available in White Housing SPT-O5MDP1W

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor IP Mini-Dome

speco technologies

SPT-02MD2 - (3.7mm lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (30ft)
- Wide dynamic range operation
- ONVIF Profile S
- IP66 compliant

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor IP Mini-Turret

speco technologies

SPT-02MT61B - (3.7mm lens), Black Housing

- Separate camera and encoder units for flexibility
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range operation
- ONVIF Profile S
- Supports up to 1080p @ 30fps

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor Dome IP Camera

speco technologies

SPT-02DP14 - (3-9mm motorized lens), Dark Grey Housing

- EZ Focus: motorized pan, tilt & 3x zoom with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range operation
- Built-in IR LEDs (65ft)
- ONVIF Profile S

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Dome IP Camera

speco technologies

SPT-02D10 - Vandal Resistant (3-9mm motorized lens), Dark Grey

- EZ Focus: motorized pan, tilt & 3x zoom with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range operation
- Built-in IR LEDs (65ft)
- ONVIF Profile S

IP - CAMERAS (MEGAPIXEL)

Intensifier3® Indoor/Outdoor Turret IP Camera

speco technologies

SPT-0INT03D1G - (2.8-12mm VF lens), Dark Grey Housing

- See color in almost complete darkness without IR LEDs
- Supports D1 resolution @ 30fps
- ONVIF Profile S
- IP67 compliant
- External controls for zoom & focus

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IP - CAMERAS (MEGAPIXEL)

FullHD 1080p 2MP Indoor/ Outdoor IP Bullet w/heater

speco technologies

SPT-VIP2B1M - (3-9mm motorized lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (80ft)
- Motorized lens for remote focusing
- ONVIF Profile S
- IP67 compliant

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor Bullet IP Camera

speco technologies

SPT-VIP2B3 - (3.7mm lens), Dark Grey Housing

- Built-in standard PoE (IEEE 802.3af)
- Built-in IR LEDs (65ft)
- ONVIF Profile S
- IP67 compliant
- Micro SD slot (card not included)

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Indoor/ Outdoor IP Mini-Bullet

speco technologies

SPT-02MB1 - (3.7mm lens), Dark Grey Housing

- Separate camera and encoder units for flexibility
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range operation
- ONVIF Profile S
- Supports up to 1080p @ 30fps

IP - CAMERAS (MEGAPIXEL)

Full HD 1080p 2MP Bullet IP Camera

speco technologies

SPT-02B16 - (3-9mm motorized lens), Dark Grey Housing

- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range operation
- Built-in IR LEDs (98ft)
- ONVIF Profile S

IP - RECORDING DEVICES & CONTROL EQUIPMENT

NS Plug & Play Network Video Recorder

speco technologies

SPT-N4NSP1TB - 4 Channel NVR with Digital Deterrent®, 1TB
SPT-N8WNSP1TB - 8 Channel NVR with Digital Deterrent®, 1TB
SPT-N16NS2TB - 16 Channel NVR with Digital Deterrent®, 2TB
SPT-N4WNSP1TB - Wall Mount 4 Channel NVR with Digital Deterrent®, 1TB
SPT-N8WNS3P1TB - Wall Mount 8 Channel NVR with Digital Deterrent®, 1TB
SPT-N16WNS2TB - Wall Mount 16 Channel NVR with Digital Deterrent®, 2TB

- Plug-and-play feature with Speco's OnSIP/VIP cameras. ONVIF support
- Dual network ports for isolating IP camera network traffic & remote network
- Supports all H.264 compression profiles (baseline, main and high)
- Network video recorder with free DDNS server
- Easy and simple graphical user interface
- Digital Deterrent® for triggering audio message via motion detection
- 2-way audio communication
- NS - Storage from 1TB up to 9TB • NSP - Storage from 1TB up to 6TB
- NS and NSP are also available in Wall Mounts

IP - RECORDING DEVICES & CONTROL EQUIPMENT

All-In-One Plug & Play IP KIT

SPT-ZIPKIT4D1

speco technologies

KIT INCLUDES:

- **(1) Plug & Play NVR**
  - 4Ch, 1TB with built-in PoE switch (802.3af)
  - Plug the cameras into the NVR and camera images appear in under 60 seconds!
  - Dual network cards for isolating IP camera network traffic
  - Full HD (1920x1080) recording & playback
  - Easy to use graphical user interface
  - Free apps with support for viewing on iPhone, iPad, or Android
- **(4) IP cameras**
  - 3.7mm lens, White Housing
  - Full 1080p outdoor IR dome cameras
  - 12 IR LEDs
  - 1080p/720p picture quality at real-time (30fps)
  - PoE operation
  - Weather/vandal resistant
  - Cameras only work with Speco ZS/NS/NSP NVRs

IP - TRANSMISSION

Single Channel IP Encoder for Analog Cameras

speco technologies

SPT-D1BD

- Cost effective solution for converting video from an analog camera into IP
- Dual-codec (H.264 & MJPEG) single channel encoder
- Converts analog video into digital D1 resolution @ 30fps
- Supports H.264 and MJPEG codecs
- ONVIF Profile S listed

IP - TRANSMISSION

Dual Codec H.264 & MJPEG IP Video Server w/SD Slot

speco technologies

SPT-0S101 - with SD Card Slot (card not included)

- Multi-profile streaming - up to 5 streams of resolution, codecs, etc
- Built-in standard PoE (IEEE802.11at)
- Small form factor -ultra compact design
- Power output (12v) for analog camera (power cable provided)
- Video output: BNC and Balun

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Clock Radio DVR
SWDVR32C
with Infrared DVR
SWDVR32C-IR
with IP Enabled DVR
SWWFDVR32

Wall Clock
SW1300AC

Sprinkler Head
SWPD420A

Exit Sign
SW2400L

Thermostat
SW1600L

Passive Infrared Detector (PIR)
SW2600
includes Swivel Mount and is also available with DVR or IP Enabled DVR

Clock Radio
SW1500

Smoke Detector DVR
SWDVR35S
with IP Enabled DVR
SW35SWF

Smoke Detector with Down View
SW2200
with Side View
SW2250

Smoke Detector with Adjustable Side View
SWSD-420B

In-Ceiling Pinhole Camera with Mount
SWHT704S

Carbon Monoxide Alarm
SW1700

Desk or Table Top Fan
SW1800

CAUGHT!

with Sperry West® Covert Cameras

All of our Covert Cameras come with a LIFETIME WARRANTY

(See warranty for complete coverage details)

Available Options

- ✓ Internet Protocol (IP)
- ✓ Built in SD DVR
- ✓ Wireless
- ✓ High Resolution

The BEST Covert Cameras from the MOST reliable and trusted manufacturer.

For technical information please email info@sperrywest.com or contact your Tri-ed representative.

SPERRY WEST

SperryWest.com

Pinhole Camera
SW2100PC

Loose Leaf Binder
SW2500A

Desktop Speaker
(nonfunctional)
SW2800AC

Fire Strobe
(nonfunctional)
SW2900L

iPod Player
SW1520

Outdoor Garden Light Day/Night Infrared
SWIR1201

Dual Floodlight Day/Night Infrared
SWIR1202

Emergency Light
SW0030L

Small Indoor/Outdoor Electrical Box
SW1400A
also available in Large
SW1450A

Pencil Sharpener
(nonfunctional)
SW2700L

VEHICLE DETECTION

Battery Operated Wireless Vehicle Detection System

SUA-WP5C - Complete Battery Powered Wireless Probe System
SUA-WP5CDE - Wireless probe system for dual entrance driveways
SUA-WP5B - Battery powered controls. Add your own wireless

- Fast and easy install maximizes your profit. Systems are preprogrammed
- Used when a hardwired system is impractical or undesirable
- Outdoor components are specially coated to protect against moisture
- Can be used in USA, Canada, Australia, and New Zealand
- Systems can be purchased as individual items or complete packages

VEHICLE DETECTION

Directional Vehicle Detection System-Wired

SUA-P8000C - Complete directional vehicle detection system
SUA-4SWXX - xx=wire length. 250, 500, or 1000 foot length

- Used for annunciation, light controls, gate operation, etc.
- Discriminatory to the direction of a vehicle moving as slow as 1 mph
- Used when different actions are desired for inbound vs. outbound vehicles.
- Splice friendly up to one mile
- Requires 22/4 direct burial wire
- Designed for direct burial beside a 14' wide driveway

NOTIFICATION DEVICE

Electronic Chime

SUA-CHIME - Electronic chime
SUA-CHIMEPLT - Chime on single-gang plate with on/off switch

- Compact unit with excellent sound quality
- Pleasant two-tone Ding-Dong sound
- Can be used for a door bell, entry alarm, and other applications
- Low stand-by current consumption
- 6-18 VDC Operation. 75 dB at 30cm

ENCLOSURES

Nema 3X/4X Enclosures

SUA-N4BX1 - Large Gray Nema4 Encl. 6.7" W x 10.8" L x 4.3" D
SUA-N4BX2 - Small Gray Nema4 Encl. 4" W x 8" L x 2.75" D
SUA-N3BOX - Black Nema3 Enclosure 4.5" W x 7.5" L x 3.5" D"

- Nema enclosures for a variety of purposes
- Black Nema3 box has (2) ¾" knockouts in bottom and one on each side
- Nema4 boxes come with mounting hardware
- Large Nema4 boxes come with interior mounting plate
- Nema3 box is black in color
- Nema4 boxes are gray-beige in color

COMMUNICATIONS

Satellite Monitoring System

SUA-MGRSAT - Satellite Monitoring Transmitter

- Worldwide GPS Coverage
- Reports alarm condition of MG security system, location, speed and heading
- Tracks vessel while armed and moving
- Can be remotely polled for location and the status of the four inputs
- Essential for security in all areas with no cellular or phone coverage

CONTROL PANELS

Marine Security

SUA-MG54C - Complete package for boats. 4 deck sensors max.
SUA-MG58C - Complete package for boats. 8 deck sensors max.
SUA-MG54 - MG54 Control only
SUA-MG58 - MG58 Control only

- Security system for boats up to 60'
- Designed for harsh, outdoor environments
- Simple to operate. Keychain transmitter arming and disarming
- Optional remote monitoring available
- All part numbers include a siren, status Led, and 2 keychain transmitters

Available only through Sure Action

The *Invisible* Motion Sensor
The Only *Smart* Choice

www.sureaction.com
1-800-648-4301

Sure Action Pulsors: "Invisible" stress sensors that mount under surfaces and respond to the flexing of the material. Can be used under almost any material including steel and cement.

Give Your High-End Installations an Edge

* Home Automation * Security * Marine Applications

PULSORS ARE DEPENDABLE

- Multiple sensors available: ENHP, HPP, XHP, and DSE
- Environmentally sealed and virtually maintenance-free. Sensors in field are still working after 30+ years
- Pet-friendly – pets up to 65 pounds can roam freely
- Virtually false-alarm free when installed according to manufacturer's directions

PULSORS ARE VERSATILE

Just a few application ideas:

- Home security – under floors and window sills
- Decks, docks and gazebos
- Roofs
- Boat alarms
- Control lights by placing sensors under stairs, in bathrooms, and on each side of the bed
- Trigger cameras
- Door release for those in wheelchairs

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INTERCOMS

Video Intercom System

TOA-RS480VSET

- Consists of an intercom substation and a video substation interface
- The RS-480V includes a colour camera designed for indoor/outdoor use
- Requires only one CAT5 cable to connect between the RS-480V and the IF-480

INTERCOMS

Multi Interface Unit

TOA-N8000MI

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Audio Inputs / Outputs for BGM, External Tone or Paging
- Sixteen contact inputs and sixteen relay outputs
- Telephone Interface (E&M type), two channels

INTERCOMS

IP Network Intercom Exchange

TOA-N8000EX

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Sixteen-station capacity
- Speech links: 4 internal/ 8 external
- Two audio paging outputs, Two relay outputs

INTERCOMS

C/O Interface Unit

TOA-N8000CO

- 10/100 Base-TX Ethernet network connection
- Occupies one network node (192 max.)
- Analog central office line circuit allowing the stations to make and receive calls to and from the telephone line

INTERCOMS

IP Door Station

TOA-N8640DS

- Hands-free duplex communication
- Connects directly to network (10/100Base TX)
- Occupies one network node (192 max.)
- Power-over-Ethernet compatible or optional power supply, model AD-1210P
- IP65 rated, 5 control outputs and 1 control input

INTERCOMS

Standard Hands-Free Master Station

TOA-N8011MS

- Hands-free duplex communication
- Two-wire connection to N-8000EX or N-8010EX Exchange
- Headset terminal
- External speaker terminal (0.6 W / 8 ohms)
- Optional wall-mount bracket, model YC-290

INTERCOMS

IP Master Station

TOA-N8600MS

- Connects directly to network (10/100Base TX)
- Occupies one network node (192 max.)
- Power-over-Ethernet compatible or optional power supply, model AD-1210P
- External speaker output
- Full duplex conversation (most stations)

INTERCOMS

Substation

TOA-RS180

- Provides half-duplex communication
- Heavy-duty brushed stainless steel faceplate
- Red vandal resistant call button
- Control output - open collector type for external relay control
- Weather resistant conformal printed circuit board coating

INTERCOMS

Switch Panel

TOA-RS140

- Call button and privacy button
- Talk back conversation
- Prevents in-coming call by pushing a privacy switch
- Handset conversation available by using RS-141 with RS-140 Switch Panel
- Hands-free conversation with master station by connecting a high impedance speaker

VOICE EVACUATION SYSTEM

SX2000 Series Voice Evacuation System

TOA-SX2000SERIES TOA-SX2000SM - System Manager
TOA-SX2100AI - Audio Input Unit TOA-SX2100AO - Audio Output Unit
TOA-SX2000AO - Audio Output Unit

- Integrated public address and voice alarm
- Up to 64 audio inputs and 256 audio outputs
- Failsafe Operation such as line monitoring and redundant power supplies
- DSP for clear announcements and enjoyable BGM
- Four different simultaneous emergency messages

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IP - CAMERAS (MEGAPIXEL)

Outdoor 3MP Full HD PoE Dome Day/Night Network Camera

TRENDnet

TRE-TVIP311PI

- 3 Megapixel resolution
- Compact IP66 weather rated housing
- Night vision up to 30 meters (100')
- Program motion detection recording and email alerts

IP - CAMERAS (MEGAPIXEL)

Outdoor 3MP Full HD PoE Day/ Night Network Camera

TRENDnet

TRE-TVIP310PI

- 3 Megapixel resolution
- Compact IP66 weather rated housing
- Night vision up to 30 meters (100')
- Program motion detection recording and email alerts
- ONVIF and IPv6 support

IP - POE

N150 Wireless Outdoor PoE Access Point

TRENDnet

TRE-TEW715AP0

- Built in dual polarization directional 8 dBi antenna
- Supports Access Point, Wireless Client, WDS, Bridge, CPE, and Repeater mode
- Supports an external omni-directional antenna with a N-Type connector
- Outdoor IP55 weather rated enclosure
- Includes Power over Ethernet (PoE) injector

IP - POE

N300 High Power PoE Access Point

TRENDnet

TRE-TEW735AP

- High power radio greatly expands coverage
- Proven 300 Mbps wireless N
- Features Access Point, WDS AP, WDS Bridge, and Repeater modes
- No need to install the device near a power source with PoE installation
- Plenum rated

IP - POE

8-Port 10/100 Mbps PoE+ Switch

TRENDnet

TRE-TPET80H

- 8 x 10/100 Mbps PoE+ ports
- Up to 30 Watts per port with a 125 W total power budget
- 1.6 Gbps switching capacity
- Rack mount kit included
- Use with TRENDnet's PoE Splitter to network and power non-PoE devices

IP - POE

16-Port 10/100 Mbps PoE+ Switch

TRENDnet

TRE-TPET160H

- 16 x 10/100 Mbps PoE+ ports
- Up to 30 Watts per port with a 250 Watt total power budget
- 3.2 Gbps switching capacity
- Rack mount kit included
- Use with TRENDnet's PoE Splitter to network and power non-PoE devices

IP - TRANSMISSION

AC1750 Dual Band Wireless Router

TRENDnet

TRE-TEW812DRU

- 1750 Mbps total wireless: 1300 Mbps AC + 450 Mbps N bands
- High speed USB 3.0 share port
- All Gigabit wired ports
- High power amplifiers extend wireless coverage
- Compatible with DD-WRT Open Source Firmware

IP - TRANSMISSION

AC1900 Dual Band Wireless Router

TRENDnet

TRE-TEW818DRU

- AC1900: 1300 Mbps Wireless AC + 600 Mbps Wireless N bands
- High speed USB 3.0 and USB 2.0 share ports
- Pre-encrypted for your security
- High power amplifiers extend wireless coverage
- Compatible with DD-WRT Open Source Firmware

IP - TRANSMISSION

Powerline 500 AV2 Adapter Kit

TRENDnet

TRE-TPL408E2K

- Included two TPL-408E adapters
- 500 Mbps Powerline networking
- TRENDnet adapters auto-connect out of the box
- High performance Gigabit port
- Power Save mode reduces electrical consumption by 80%

IP - TRANSMISSION

Powerline 500 Wireless Kit

TRENDnet

TRE-TPL410APK

- Create a wireless network in an area with little to no wireless coverage
- Combination Powerline and Wireless N
- Connect a smart TV, gaming console, or media player to the 2 Ethernet ports
- No CD installation: adapters auto-connect out of the box
- Includes TPL-406E + TPL-410AP adapters

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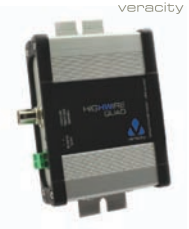
IP - TRANSMISSION

HIGHWIRE QUAD™

VUI-VHWHWQ - 4-Port Ethernet Over Coax

- Replace 1 analogue camera with up to 4 IP cameras without recabling
- Supports up to four HD or mega-pixel cameras over one coax link
- 12-40V DC or 24V AC power input (Can use analogue camera PSU)
- Wall mountable, simple installation, no configuration required
- Auto-sensing, will not output POE to the camera if it is not required



IP - POWER OVER ETHERNET

CAMSWITCH 4 PLUS™

VUI-VCS4P1 - POE Network Switch
VUI-VCS8P2 - CAMSWITCH 8 Plus™
VUI-VCS4P1MOB - CAMSWITCH 4 Mobile™
VUI-VCS8P2MOB - CAMSWITCH 8 Mobile™

- 802.3af POE/802.3at POE Plus compliant outputs
- 57V POE for max efficiency and range
- POE input allows remote network expansion
- 4+1, 8+2 channel and mobile models
- Rugged enclosure with wall and rack mount options

IP - TRANSMISSION

TIMENET™

VUI-VTNTN - POE Powered NTP Time Server

- Master NTP timer server with GPS clock reference
- Universal standard - Network Time Protocol (NTP) compatible
- Designed to sync computers, servers & embedded systems
- Ideal for digital recording and access control applications
- Essential for closed or secure networks - no internet required

IP - TRANSMISSION

HIGHWIRE POWERSTAR™

VUI-VHWHWPSB - Ethernet and POE over Coax - Base Unit
VUI-VHWHWPSC - Ethernet and POE over Coax - Camera Unit
VUI-VHWHW - HIGHWIRE - Ethernet over Coax

- Upgrade from analogue to IP cameras without recabling
- POE switch powers base unit, camera unit and IP camera
- For max range and power 57V DC PSU can be used as alternative to POE
- Up to 25W POE delivery at IP Camera using Veracity's 57V DC PSU
- Fully transparent duplex 100Base-T Ethernet, simple to install

IP - TRANSMISSION

LONGSPAN™

VUI-VLS1PB - Long Range Ethernet and POE - Base unit
VUI-VLS1PC - Long Range Ethernet and POE - Camera unit
VUI-VLS1NL - Single LONGSPAN converter, 1 port, no POE

- Long range point-to-point Ethernet over regular Cat5/6 cable
- Unrestricted 100Base-T with POE at over 800 metres on Cat6
- Use back-to-back pairs of LONGSPAN to increase max distance to camera
- Ruggedised for high performance over extreme temperature range
- Smart power and diagnostic display for reliable installation

IP - TRANSMISSION

OUTREACH MAX™

VUI-VORORM - LAN and POE Extender
VUI-VORORL - Ethernet Extender for non-POE connections
VUI-VORORMXT - Outdoor Ethernet and POE Extender

- Powered by POE and extends Cat5/6 Ethernet by 100 metres
- Daisy-chain units to reach up to 1000 metres (9 units)
- Easy to install, no set-up required
- POE and POE Plus compliant (IEEE 802.3af & 802.3at)
- Handles up to 60W high-power POE delivery at 200m (1 unit)

IP - TOOLS

PINPOINT™

VUI-VADPP - Camera Installation Tool

- Essential tool for IP camera installers
- Local viewing of IP cameras on laptop/notebook
- Allows quick and easy adjustment of focus and viewing angle
- Uses POE from network, allows pass-through to camera
- Low cost re-useable device, installs in seconds, removes in seconds

IP - TOOLS

POINTSOURCE™

VUI-VADPS - Portable POE Injector

- Rechargeable POE Battery Pack, allows demonstration and installation
- Portable POE for field use, locally view IP Camera on your laptop
- Can provide 6 - 8 hours operation
- Essential tool for installation, testing, surveys, and inspections

The world's only disk array specifically designed for video surveillance storage
• Massive 75 terabyte storage capacity use only 60 watts
• Sequential recording system uses hard disks like video tapes
• Extreme reliability even with the lowest cost disk drives
veracity
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IP - TRANSMISSION

MaxiiCopper™ Coax Ethernet Extender

VIGITRON

VIG-Vi2400A - Mini Single Port **VIG-Vi2401A** - Single Port **VIG-Vi2404A** - 4-Port
VIG-Vi2408A - 8-Port **VIG-Vi2416A** - 16-Port

- Extends full duplex/full speed Ethernet over existing Coax up to 5,000'
- Avoids rewiring and expense of traditional Ethernet network equipment
- Excellent for high network bandwidth requirements of Mega-pixel cameras
- No IP address programming or other networking setup required
- 30W Pass-through PoE with LED Indicators

IP - TRANSMISSION

MaxiiCopper™ UTP Ethernet Extender

VIGITRON

VIG-Vi2300A - Mini Single Port **VIG-Vi2301A** - Single Port **VIG-Vi2304A** - 4-Port
VIG-Vi2308A - 8-Port **VIG-Vi2316A** - 16-Port

- Extends Ethernet over UTP up to 3,000'
- Extends full duplex / high speed Ethernet over 1 or 4-pair UTP
- Compatible and fully transparent to all Ethernet networks
- No IP address programming or other networking setup required
- 60W Pass-through PoE, LED indicators provide link status and data rate

IP - TRANSMISSION

Maxiipower™ Managed Extended Coax PoE Midspans

VIGITRON

VIG-Vi2608 - 8-Port **VIG-Vi2616** - 16-Port

- Delivers up to 30W per port, aggregated 600W (Vi2616)
- Extends Ethernet and PoE over coax cables up to 1,800'
- Compliant with IEEE 802.3at and 802.3af PoE standards
- Easy plug and play installation with automatic detection and protection
- Fully manageable with powerful interface over the network or local USB

IP - POWER OVER ETHERNET

MaxiiPower™ Managed 60W PoE Midspans

VIGITRON

VIG-Vi2202 - 2 Port **VIG-Vi2208A** - 8 Port **VIG-VI2508** - 8 Port
VIG-Vi2216A - 16 Port **VIG-VI2216LT** - 16 Port **VIG-VI2516** - 16 Port

- Delivers up to 37W per port, aggregated 600W (Vi2216A)
- Compliant with IEEE 802.3at and 802.3af, 4 ports can deliver up to 74W each
- Easy plug and play installation with automatic detection and protection
- Reliable power over existing Ethernet infrastructure
- Fully manageable with powerful and user friendly interface

TRANSMISSION

Powered VPD Combiner/ Combiner-Transceiver Hubs

VIGITRON

VIG-VI1408 - 8 Port **VIG-VI1416** - 16 Port
VIG-VI1508 - 8 Port **VIG-VI1516** - 16 Port

- Combines Video-Power-Data on a single Cat-5/6
- Passive UTP transceiver (Vi15xxVPD)
- 1A, 24V/28V per port, individually selectable isolated camera power outputs
- Includes individual resettable fuses plus easy access glass fuses
- Includes 8 or 16 two-foot coax jumper cables (Vi15xxVPD)

IP - POWER OVER ETHERNET

MaxiiNet™ 26-Port Gigabit L2+ Managed PoE Switch

VIGITRON

VIG-VI3026 - 26-Port

- Provides 26 1Gb Ethernet ports with 24 PoE+ and 6 SFP ports
- Automatic IP and PoE connection and reconnection
- Automatic MAC identification all connected devices
- Supports Jumbo Frames up to 9600 bytes
- Supports Virtual Network Switch Stacking and SNMP

IP - POWER OVER ETHERNET

MaxiiNet™ 10-Port Gigabit L2+ Managed PoE Switch

VIGITRON

VIG-VI3010 - 10-Port

- Provides 10 1Gb Ethernet ports with 8 PoE+ ports and 2 SFP ports
- Automatic IP and PoE connection and reconnection
- Automatic MAC identification for all connected devices
- Supports Jumbo Frames up to 9600 bytes
- Supports Virtual Network Switch Stacking and SNMP

TRANSMISSION

MaxiiGuard™ Ethernet Surge Protector

VIGITRON

VIG-VI2001

- Prevents ground loop and provides quality video over 750' of UTP (Vi1062)
- Supports "up-the-coax" type signals
- Excellent cross talk and noise immunity
- Built-in surge protection on select models
- Compact size and easy installation

TRANSMISSION

Video Baluns w/ & w/o Ground Isolation

VIGITRON

VIG-VI1001M **VIG-VI1003M** **VIG-VB1007M** **VIG-VI1062**

- Prevents ground loop and provides quality video over 750' of UTP (Vi1062)
- Supports "up-the-coax" type signals
- Excellent cross talk and noise immunity
- Built-in surge protection on select models
- Compact size and easy installation

IP - POWER OVER ETHERNET

ViewMate™ IP Camera Setup and PoE Tester Tools

VIGITRON

VIG-VI0019 **VIG-VI0021**

- PoE & set up IP cameras
- Accurately measures the PoE voltage and power at the camera (Vi0021)
- Uses PoE power and is compatible with PoE standards up to 60W (Vi0019)
- 10/100BASE-T compliant with integrated crossover Ethernet port
- Low cost, easy to use, and speeds up IP camera installations

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IP - CAMERAS (MEGAPIXEL)

ENVI 2.1 MegaPixel 20x IP PTZ Camera with PoE

VIT-VTPTZ220NP

- 1/2.8" 2.1 Megapixel Sony®
- Exmor™ Progressive Scan CMOS image sensor
- 20x Optical Zoom (4.7-94.0mm Varifocal) + 12x Digital Zoom
- High speed PTZ operation from 0.1°/sec to 420°/sec.
- Micro SD Card Slot for Onboard EDGE Recording & Playback
- True Day/Night with ICR & DSS
- Full duplex 2 way audio, Alarm IN/OUT
- Onvif S Compliance / Integration with many Industry leading VMS Software
- Up to 30fps live view @ 1920 x 1080p (16:9)
- Compatible with VITEK Xpress Dome PTZ Mounts & Housings
- 12VDC & PoE (Power over Ethernet) Dual Voltage Operation

IP - CAMERAS (MEGAPIXEL)

ENVI 2.1MP Auto Focus Zoom Bullet Camera

VIT-VTCIR402NZ39

- Sony Exmor 1/2.9" Progressive Scan CMOS w/30fps Live View @ 1920 x 1080p
- Motion Activated Pointing "MAP" Auto Focus Zoom. Choose 3-9mm or 9-22mm
- Edge Recording/Playback via SD Memory Card slot up to 64GB
- IP68 rated weather/vandal resistant aluminum construction, w/40 IR LEDs
- 12VDC/24VAC & PoE (Power over Ethernet) Operation

IP - CAMERAS (MEGAPIXEL)

ENVI 2.1 MegaPixel IR Bullet Camera w/100" Range

VIT-VTCIR302FNP

- 1/2.9" 2.1 Megapixel Sony®
- Exmor™ Progressive Scan CMOS Sensor
- Edge Recording via On Board Mini SD Card Slot up to 64GB
- Fixed 3.6mm Lens w/30 Integrated 850nm Infrared LEDs with up to 100' Range
- IP66 rated weather resistant aluminum construction
- 12VDC & PoE (Power over Ethernet) Operation

IP - CAMERAS (MEGAPIXEL)

ENVI 2.1MP Vandal Resistant IR Bullet Camera

VIT-VTCIR402210NP

- Sony Exmor 1/2.9" Progressive Scan CMOS Up to 30fps live view @ 1920 x 1080
- IP68 Vandal/Weather Proof Construction
- 2.8-10mm Varifocal DC Auto Iris w/40 IR LEDs for 150' Range
- Edge Recording/Playback via SD Memory Card slot up to 64GB
- 12VDC/24VAC & PoE (Power over Ethernet) Operation

IP - CAMERAS (MEGAPIXEL)

ENVI 2.1MP Auto Focus Zoom Vandal Dome Cameras

VIT-VTDMV2NZ39

- Sony Exmor 1/2.9" Progressive Scan CMOS w/30fps Live View @ 1920 x 1080p
- Motion Activated Pointing "MAP" Auto Focus Zoom. Choose 3-9mm or 9-22mm
- Edge Recording/Playback via SD Memory Card slot up to 64GB
- IP68 rated weather/vandal resistant aluminum construction w2 Hi Pwr IR LEDs
- 12VDC/24VAC & PoE (Power over Ethernet) Operation

ENVI
ENHANCED NETWORK VIDEO INTEGRATION
When You are Jumping into wouldn't You like to have a Backup Parachute?
MEGAPIXEL IP
2.1MP Network Advanced Auto Focus Zoom Cameras
M.A.P. Motion Activated Pointing Zoom Feature
VTD-MVNZ39 & VTD-MVNZ922 Auto Focus Zoom IR Dome
VTC-IR402-NZ39 & VTC-IR402-NZ922 Auto Focus Zoom IR Bullet
Micro SD 64GB
EDGE RECORDING & PLAYBACK VIA ON BOARD SD & MICRO SD CARD SLOT
Conventional Zoom
VITEK M.A.P. Zoom
VITEK
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IP - CAMERAS (MEGAPIXEL)

1MP Outdoor Vandal-Proof WDR 15M IR Dome Camera

VIV-FD8137HV

- WDR Pro, 30 fps @ 1280x800, 3.6 mm or 6 mm Lens
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 15M
- Vandal-proof IK10-rated & Weather-proof IP66-rated housing, Microphone
- MicroSD/SDHC/SDXC Card Slot for Onboard Storage, Digital Input, ePTZ
- 3D Noise Reduction & Smart IR, H.264, PoE, ONVIF

IP - CAMERAS (MEGAPIXEL)

2MP Outdoor Vandal-Proof 15M IR Dome Camera

VIV-FD8164V

- 30 fps @ 1920x1080, 2.8 mm or 3.6 mm Lens
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 15M
- Vandal-proof IK10-rated & Weather-proof IP66-rated Housing
- MicroSD/SDHC/SDXC Card Slot for On-board Storage, H.264, PoE, ONVIF
- 3D Noise Reduction & Smart IR

IP - CAMERAS (MEGAPIXEL)

5MP Outdoor 360° Fisheye Day/Night WDR Dome Camera

VIV-FE8174V

- 5 MP, 30 fps @ 1080p Full HD, WDR, Day & Night w/Removable IR-cut Filter
- 1.5 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
- Vandal-proof IK10 & Weather-proof IP66 -rated Housing, Mobile EN50155-rated
- Full Duplex Audio w/Microphone, Pixel Counter, ePTZ, ONVIF, H.264, PoE
- MicroSD/SDHC/SDXC Card Slot for Onboard Storage, Indoor version available

IP - CAMERAS (MEGAPIXEL)

2MP 20M IR Outdoor Vandal Proof WDR Dome Camera

VIV-FD8365EHV

- 30 fps @ 1920x1080, 2.8 mm or 3.6 mm Lens
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 15M
- Vandal-proof IK10-rated & Weather-proof IP66-rated Housing
- MicroSD/SDHC/SDXC Card Slot for On-board Storage, H.264, PoE, ONVIF
- 3D Noise Reduction & Smart IR

IP - CAMERAS (MEGAPIXEL)

5MP Outdoor Remote Focus WDR 20M IR Dome Camera

VIV-FD8372

- 5 MP, 30 fps @ 1080p, 3.6 ~ 9 mm Vari-focal, DC-iris Lens, H.264
- Day & Night w/Removable IR-cut Filter & IR Illuminators to 20 Meters, WDR
- IK10 Vandal-proof & IP66 Weather-proof Housing, PoE
- Smart Focus System for Remote and Precise Adjustment
- MicroSD/SDHC/SDXC Card Slot for Onboard Storage, ONVIF

IP - CAMERAS (MEGAPIXEL)

2MP Indoor Ultra Mini Dome Camera

VIV-FD8166

- Ultra-mini fixed dome IP camera: 90 mm diameter, Black or White housings
- 120 second easy installation, PoE
- 15 fps @ 1920x1080, H.264, multiple fixed lens options vailable
- MicroSD/SDHC/SDXC Card Slot for On-board Storage, Built in Microphone to 5M

IP - CAMERAS (MEGAPIXEL)

2MP 20x Zoom NEMA4X Extreme Weatherproof SpeedDome

VIV-SD8363E

- 20x Zoom 4.7~94mm Lens, WDR Pro, 30 fps @ 1920x1080, 60 fps @ 1280x720
- Weather-proof IP66 & NEMA 4X Housing, -40° C~55°C for Extreme Weather
- Auto Tracking, 360° Continuous Pan and 220° Tilt
- SD/SDHC/SDXC Card Slot for Onboard Storage, Removable IR-cut Filter
- Audio Detection, 2-Way Audio, PoE Plus, ONVIF, H.264

IP - CAMERAS (MEGAPIXEL)

1.3MP 30M IR WDR Pro II Outdoor Bullet Camera

VIV-IP8355EH

- WDR Pro II (140dB), 30 fps @ 1280x 1024, 3-9mm P-Iris Lens, Remote Focus
- True Day & Night w/IR Cut Filter & Built-In IR Illumination to 30M
- Weather-proof IP67-rated housing, Working Temperature: -58°F~122°
- SD/SDHC/SDXC Card Slot for Onboard Storage, 2-Way Audio
- 3D Noise Reduction, Smart Stream, Smart IR, H.264, PoE, ONVIF

IP - CAMERAS (MEGAPIXEL)

3MP Outdoor Remote Focus 25M IR Bullet Camera

VIV-IP8371E

- 30 fps @ 2048x1536, 60 fps @ 1920 x1080, Motorized 3~9 mm P-iris Lens
- Day & Night w/Removable IR-cut Filter & IR Illuminators to 30M
- IP67 Weatherproof Housing, Mounting Bracket with Cable Management
- 3D Noise Reduction & Smart IR, SD/SDHC/SDXC Card Slot, H.264, PoE, ONVIF
- -50°C~50°C Wide Temperature Range for Extreme Weather

IP - TRANSMISSION

1-Channel H.264/MJPEG Tiny Video Encoder

VIV-VS8100

- 30 fps at D1 Resolution, 3 Simultaneous Streams, Dual Codec
- 65mm x 34mm x 25mm Ultra Tiny Design
- 3.5mm Phone Jack for 1-Way Audio Line In, RS-485 Interface
- DC 12V Power Sharing with Analog Camera
- 4 & 8 Channel Models Also Available (VS8401/VS8801)

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SPECIALTY DETECTORS

IP Wireless EnviroAlert® Console

WINLAND ELECTRONICS, INC.

WIN-EA800IP - 8 Zone IP Enabled Console

- Two-way access to remotely monitor, collect and view real-time data
- Seamless integration with new and existing alarm system
- Alarm notification via text message, email, dry contact relay
- Sensors for temp, humidity, water, dry contact, & accepts 4-20mA sensors

SPECIALTY DETECTORS

Wireless EA800-IP Sensors

WINLAND ELECTRONICS, INC.

WIN-EA800IP - Accepts up to 4 Wireless Sensors
- All Sensors Offer: 1000' line-of-site transmission distance
- Up to 1 year battery life (2-AA Alkaline not included)

WIN-EAWTS - Wireless Temp Sensor: 32 to 122° F
WIN-EAWHS - Wireless Humidity Sensor: 5 to 95% RH
WIN-EAWMFS - Wireless Multi-Function Sensor: Requires remote probe

ENVIROALERT

SPECIALTY DETECTORS

Critical 2 Zone EnviroAlert® Alarm

WINLAND ELECTRONICS, INC.

WIN-EA20012 - 2 Zone (12VDC)
WIN-EA20024 - 2 Zone (24VDC)

- Zone 1 is dedicated ambient temp monitor +32° to 122°F
- Zone 2 accepts one external probe to monitor for temp, humidity or water presence
- Temp & humidity high / low set points
- Eight event alarm memory with a defrost delay time on each zone
- Remote sensors sold separately

SPECIALTY DETECTORS

Critical 4 Zone EnviroAlert® Alarm

WINLAND ELECTRONICS, INC.

WIN-EA40012 - 4 Zone (12VDC)
WIN-EA40024 - 4 Zone (24VDC)

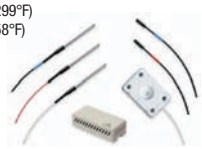
- Simultaneously monitor temp, humidity or presence of water
- Any combination of up to 4 sensors each 1000' via 22-18 AWG
- Temp & humidity high / low set points with eight event alarm memor
- Defrost time delay up to 120 minutes
- Remote sensors sold separately

SPECIALTY DETECTORS

EnviroAlert® Remote Sensors & Probes

WINLAND ELECTRONICS, INC.

WIN-TEMPHS - High Temp SS Probe (+32° to +299°F)
WIN-TEMPLS - Low Temp SS Probe (-58° to +158°F)
WIN-TEMPULS - Ultra-Low Temp Probe (-148F to +32F) EA800-IP only
WIN-TEMPLW - Waterproof Low Temp Probe (-58° to +158°F)
WIN-TEMPHW - Waterproof High Temp Probe (+32° to +221°F)
WIN-HAIII+ - HAIII+ Humidity Sensor (5-95% RH)
WIN-WSS - Surface Water Sensor Supervised
WIN-WUCS - Under Carpet Water Sensor Supervised



SPECIALTY DETECTORS

Humid-Alert® Mechanical Humidity Monitor

WINLAND ELECTRONICS, INC.

WIN-HA1100

- Nylon banded sensing element
- Monitors throughout a range of 20% to 80% RH
- Single set point
- Activates alarm systems, controls, digital communication equipment through the SPDT output
- Contact output rating of 50VA @ 24 VAC
- Requires no power to operate

SPECIALTY DETECTORS

WaterBug® Electronic Water Detection

WINLAND ELECTRONICS, INC.

WIN-WB200

- Operates on 12 or 24VAC or DC - ideal for sump pits, IT rooms, basements
- Form C relay contact - Add to new and existing installations
- Accommodates up to 6 sensors at 100' away via 22-18 AWG
- Includes one surface sensor [WSU] unsupervised
- Additional sensors [WSU & WUCU] sold separately

SPECIALTY DETECTORS

Power-Out® Alert

WINLAND ELECTRONICS, INC.

WIN-PS110

- Plugs into any 120V outlet
- Comes with 15' lead - extend with 22-18 AWG
- Wires into new and existing alarm systems
- Output signal when power is interrupted for 3-8 minutes

SPECIALTY DETECTORS

Temp-Alert® Temperature Sensor

WINLAND ELECTRONICS, INC.

WIN-TA40

- Hardwired direct to any alarm panel
- Activates when temp drops below +39°F
- Compact design is easy to install
- Perfect for vacation homes, empty buildings, etc.
- No power required to operate

SPECIALTY DETECTORS

Compact Mechanical Temp-Alert®

WINLAND ELECTRONICS, INC.

WIN-MTA1

- Adjustable high and low alarm set points
- Requires no power to operate
- Compatible with any alarm panel
- Temperature range: +50° to +100° F

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AKCESS BIOMETRICS CORP.
ALARM CONTROLS CORP.
ALARM ELECTRONICS MFG CO. INC.
ALARM LOCK
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ALEPH AMERICA CORPORATION
ALNET SYSTEMS, INC.
ALPHA COMMUNICATIONS
ALPHA TECHNOLOGIES
ALTRONIX CORPORATION
AMERICAN DYNAMICS
AMERICAN FIBERTEK INC.
AMERICAN POWER CONVERSION (APC)
AMERICAN VIDEO EQUIPMENT(AVE)
AMSECO (POTTER)
APPLIED WIRELESS (AWID)
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ASCENDANCE
ASSA ABLOY
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ATON
ATV INC.
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AUDIO-TECHNICA
AVALAN WIRELESS SYSTEMS, INC.
AVER INFORMATION INC.
AWID – APPLIED WIRELESS ID
AXCESS INC.
AZCO TECHNOLOGIES
B.E.S. MANUFACTURING
BADGEPASS INC.
BELDEN
BENNER - NAWMAN, INC.
BETTER WAY PRODUCTS
BIOSCRYPT
BLONDER TONGUE
BOGEN COMMUNICATIONS, INC.
BOLIDE
BOSCH
BRICKCOM
BROAN - NUTONE LLC
CAMDEN
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CANPLAS LLC
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COMELIT
COMNET
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COMPUTAR
COMPU-VIDEO SYSTEMS, INC.
COOPER NOTIFICATION
CORBY INDUSTRIES, INC.
CYNWYD INTERNATIONAL CORP.
DAEWOO LUCOMS AMERICA INC.
DAMAC
DA-LITE SCREEN COMPANY, INC.
DCX SYSTEMS INC.
DEDICATED MICROS
DESIGNED SECURITY INC.
DFI SOFTWARE
DIGITAL ID VIEW
DIGITAL WATCHDOG
DIRECT UPS LLC
DITEK
D-LINK
DNF SECURITY
DOLPHIN COMPONENTS CORP.
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